

**Flood Control Project Maintenance
Levee Inspections**
LMA District Cover Sheet
Spring 2018 Levee Inspection Results

Reclamation District No. 0556 Upper Andrus

	Spring (March - May)	Summer ** (June - August)	Fall (September - November)	Winter ** (December - February)
† Overall LMA Rating (Fall Only)				

** Non-receipt of Summer or Winter Inspection
Reports may effect overall annual rating.

† SPRING INSPECTIONS: Overall maintenance ratings are not determined for the spring inspection results. Individual maintenance deficiencies are rated using the same criteria in the spring and in the fall.

FALL INSPECTIONS: The overall maintenance rating shown above is based on operation and maintenance deficiencies identified within the attached unit inspection reports. This rating is not intended to be an indication of risk.

Comments

**Flood Control Project Maintenance
Levee Inspections**

Unit Cover Sheet

Spring 2018 Levee Inspection Results

Reclamation District No. 0556 Upper Andrus

Waterway			Bank	Unit Miles
Unit No. 01 Georgiana Slough			Right	5.48
	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)				
Date of Inspection	4/5/2018 - 4/5/2018			
DWR Inspector	Keith Millard			
Accompanied By	Alan Silva RD 556			

Summer & Winter Inspections

The Local Maintaining Agency (LMA) is responsible for summer and winter inspections. The LMA is required to submit a report regarding summer and winter inspections to the California Department of Water Resources (DWR).

DWR must be informed on the:

- a) completion of the inspection
- b) any changes other than the results of normal maintenance
- c) corrections to deficiencies noted in this report

If additional items are noted, further documentation of those items must also be submitted.

The LMA should submit this information to DWR using the LMA web application tool available at:

<http://cdec.water.ca.gov/lma.html>

If the LMA is unable to submit information on this webpage, please contact DWR for assistance.

The LMA should submit the information and any associated documentation by September 30 for summer inspections and March 31 for winter inspections.

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0556 Upper Andrus

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough	Right	5.48	04/05/2018 04/05/2018	Keith Millard

LM Start		Rating **	M	Issue No.	3
LM End		Issue Type +	Ma	Location *	
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Flood Preparedness & Training			°	°
				°	°
DWR ID	DWR_RD0556_01_f_2014_3				
Comment Code					
Inspector Comment					
The members in the district have not been flood fight trained recently according to the district manager.					

No Photos

LM Start		Rating **	A	Issue No.	6
LM End		Issue Type +	Ma	Location *	
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Operations & Maintenance Manuals			°	°
				°	°
DWR ID	DWR_RD0556_01_s_2012_6				
Comment Code					
Inspector Comment					
District president has the O&M Manual.					

No Photos

LM Start		Rating **	M	Issue No.	8
LM End		Issue Type +	Ma	Location *	N/A
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Emergency Supplies & Equipment			°	°
				°	°
DWR ID	DWR_RD0556_01_f_2014_8				
Comment Code					
Inspector Comment					
According to the district manager, when they need supplies they will order them, there are no supplies stored.					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0556 Upper Andrus

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough	Right	5.48	04/05/2018 04/05/2018	Keith Millard

LM Start	0.08	Rating **	U	Issue No.	21
LM End	0.84	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.238037 °	38.229105 °
				-121.518067 °	-121.525352 °
DWR ID	DWR_RD0556_01_s_2017_21				
Comment Code					
V7 : Trees / Woody Vegetation					
Inspector Comment					
Control the wild growth and trim the trees so the slope can be seen.					

Photo 1 of 1 : SP_2018_RD0556_18_21_20180305_00004.jpg



Looking downstream from levee mile 0.09 woody tree growth and wild weeds covering the levee slope and shoulder landside levee section.

LM Start	0.44	Rating **	M	Issue No.	387
LM End	0.44	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.233537 °	38.233537 °
				-121.520483 °	-121.520483 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:45564 DS_ID:20820 EP_NO: 3448 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Dense vegetation inhibited visibility of gasline marker on WS. Need to contact owner to determine status of crossing. FIELD_STRUCT_DESC: 4.5-inch steel natural gas pipeline through the levee, 4 feet below the crown. Location marker on the waterside (WS) shoulder. Cut in pavement visible at the crossing. Gas line marker on the landside (LS) and on the opposite bank at Reclamation District No. 263 (RD0263). Pipe not located in February 1991. (Plans for construction of a 4.5-inch gas line across Georgiana Slough from Andrus Island to Tyler Island authorized under Permit No. 3448, 1960 - Pacific Gas and Electric Company [PG&E]). [Additional Reference(s): DWR Levee Log]. FS Date: 5/27/2015					

Photo 1 of 3 : UCIP_SP_2018_45564_74151.jpg



Gasline marker present on LS.

* Location	** Rating	+ Issue Type
LS : Land Side WS : Water Side CR : Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
N/A : Not Applicable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0556 Upper Andrus

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough	Right	5.48	04/05/2018 04/05/2018	Keith Millard

LM Start	0.44	Rating **	M	Issue No.	387 (cont)	
LM End	0.44	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.233537 °	38.233537 °	
				-121.520483 °	-121.520483 °	
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:45564 DS_ID:20820 EP_NO: 3448 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Dense vegetation inhibited visibility of gasline marker on WS. Need to contact owner to determine status of crossing. FIELD_STRUCT_DESC: 4.5-inch steel natural gas pipeline through the levee, 4 feet below the crown. Location marker on the waterside (WS) shoulder. Cut in pavement visible at the crossing. Gas line marker on the landside (LS) and on the opposite bank at Reclamation District No. 263 (RD0263). Pipe not located in February 1991. (Plans for construction of a 4.5-inch gas line across Georgiana Slough from Andrus Island to Tyler Island authorized under Permit No. 3448, 1960 - Pacific Gas and Electric Company [PG&E]). [Additional Reference(s): DWR Levee Log]. FS Date: 5/27/2015						

LM Start	0.44	Rating **	M	Issue No.	387 (cont)
LM End	0.44	Issue Type +	En	Location *	

Photo 2 of 3 : UCIP_SP_2018_45564_74146.jpg



View of WS; cut in pavement in alignment with arrow and Olivia indicating location of crossing trench.

Photo 3 of 3 : UCIP_SP_2018_45564_74152.jpg



View of WS. Dense vegetation limited visibility of 'No Trespassing' sign.

* Location	** Rating	+ Issue Type
LS : Land Side WS : Water Side CR : Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
N/A : Not Applicable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0556 Upper Andrus

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough	Right	5.48	04/05/2018 04/05/2018	Keith Millard

LM Start	0.53	Rating **	M	Issue No.	388	
LM End	0.53	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DWR UCIP Field Study			38.232450 °		38.232450 °
				-121.521624 °		-121.521624 °
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:45663 DS_ID:20821 EP_NO: 5548 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Dense vegetation prevents inspection of WS slope. FIELD_STRUCT_DESC: 12-inch steel irrigation discharge pipe through the levee, 5 feet below the crown. 1.25-inch electrical conduit through the levee at the same location. Pump on the waterside (WS). Concrete steps on the landside (LS) slope. Cuts in pavement visible at the crossing. (Plans to install a pump with a 12-inch discharge pipe and one electrical conduit through the levee authorized under Permit No. 5548, 1966 - George K. Adams). [Additional Reference(s): DWR Levee Log]. FS Date: 5/13/2015						

Photo 1 of 3 : UCIP_SP_2018_45663_74180.jpg



Concrete steps on LS slope.

LM Start	0.53	Rating **	M	Issue No.	388 (cont)
LM End	0.53	Issue Type +	En	Location *	

Photo 2 of 3 : UCIP_SP_2018_45663_74181.jpg



View of WS with cuts visible on pavement.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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Levee Inspection Report By Mile - Spring 2018

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough	Right	5.48	04/05/2018 04/05/2018	Keith Millard

Photo 3 of 3 : UCIP_SP_2018_45663_74182.jpg



Pump and pipe into levee off LS toe.

Photo 1 of 3 : UCIP_SP_2018_45664_74190.jpg



View of LS with standpipe visible behind tree.

* Location	** Rating	+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0556 Upper Andrus

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough	Right	5.48	04/05/2018 04/05/2018	Keith Millard

LM Start	0.54	Rating **	M	Issue No.	389 (cont)	
LM End	0.54	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DWR UCIP Field Study			38.232354 °		38.232354 °
				-121.521727 °		-121.521727 °
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:45664 DS_ID:20826 EP_NO: 5548A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Dense vegetation prevented inspection of WS slope. FIELD_STRUCT_DESC: 14-inch steel irrigation discharge pipe through the levee, 5 feet below the crown. Pump on the waterside (WS). Electrical conduit through the levee at the same location. Pole with electrical panel at the landside (LS) toe. Standpipe at the LS toe. (Plans to install a 7-gauge, 14-inch pipe through the levee authorized under Permit No. 5548-A, 1981 - Kaydix Company). [Additional Reference(s): DWR Levee Log]. FS Date: 5/27/2015						

LM Start	0.54	Rating **	M	Issue No.	389 (cont)
LM End	0.54	Issue Type +	En	Location *	

Photo 2 of 3 : UCIP_SP_2018_45664_74191.jpg



View of WS with cuts visible on pavement.

Photo 3 of 3 : UCIP_SP_2018_45664_74192.jpg



Standpipe and service pole visible off LS toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0556 Upper Andrus

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough	Right	5.48	04/05/2018 04/05/2018	Keith Millard

LM Start	0.80	Rating **	M	Issue No.	12
LM End	3.36	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			38.229459 °	38.208959 °
				-121.524805 °	-121.541368 °
DWR ID	DWR_RD0556_01_s_2012_12				
Comment Code					
A1 : Exterminate rodents and backfill and compact or grout burrows.					
Inspector Comment					
Exterminate rodents and backfill and compact burrows.					

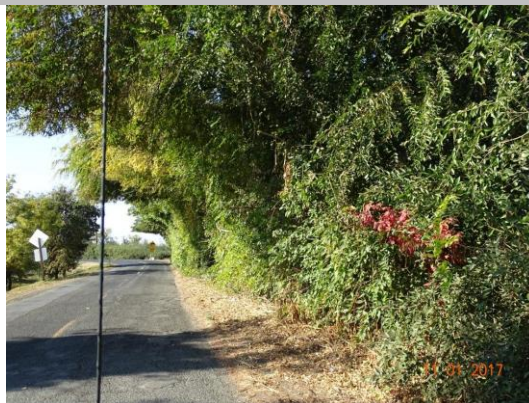
No Photos

LM Start	0.84	Rating **	M	Issue No.	46
LM End	3.19	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.229105 °	38.210659 °
				-121.525352 °	-121.539176 °
DWR ID	DWR_RD0556_01_s_2018_46				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

No Photos

LM Start	0.87	Rating **	U	Issue No.	24
LM End	0.92	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.228820 °	38.228480 °
				-121.525853 °	-121.526470 °
DWR ID	DWR_RD0556_01_f_2017_24				
Comment Code					
V6 : Landscaping					
Inspector Comment					

Photo 1 of 1 : SP_2018_RD0556_18_24_20180305_00007.jpg



Trim/thin landscaping to allow inspection and access to levee slope and toe.

* Location		** Rating		+ Issue Type	
LS : Land Side	N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiency	
WS : Water Side		M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence	
CR : Crown		U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement	

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0556 Upper Andrus

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough	Right	5.48	04/05/2018 04/05/2018	Keith Millard

LM Start	0.93	Rating **	U	Issue No.	10
LM End	1.54	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.228295 °	38.225368 °
				-121.526688 °	-121.534677 °
DWR ID	DWR_RD0556_01_f_2015_10				
Comment Code					
T3 : Trim and thin trees to allow visibility of the ground and room to flood fight.					
Inspector Comment					
Thin out and remove the wild tree growth and vegetation on the landside levee slope and shoulder.					

Photo 1 of 1 : SP_2018_RD0556_18_10_20180305_00003.jpg



RD 556 Unit 1 levee miles 0.93-1.54 looking downstream landside slope.

LM Start	1.11	Rating **	M	Issue No.	42
LM End	1.57	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.227076 °	38.225025 °
				-121.528401 °	-121.535026 °
DWR ID	DWR_RD0556_01_s_2018_42				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0556 Upper Andrus

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough	Right	5.48	04/05/2018 04/05/2018	Keith Millard

LM Start	1.17	Rating **	M	Issue No.	390
LM End	1.17	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.227534 °	38.227534 °
				-121.529396 °	-121.529396 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:46799					
DS_ID:25106					
EP_NO: N/A					
Repair Type: Non-Urgent					
Crossing Status: Found					
UCIP Comments: Possible erosion above pipe on LS needs attention.					
FIELD_STRUCT_DESC: 8-inch steel irrigation pipe through the levee, at an unknown depth. Visible on the landside (LS), 6 feet away from the 10-inch pipe at HLM 1.17. Post likely for protection of vent located on the shoulder. Power pole next to pipe on the LS. This crossing was field discovered.					
FS Date: 5/27/2015					

LM Start	1.17	Rating **	M	Issue No.	390 (cont)
LM End	1.17	Issue Type +	En	Location *	

Photo 1 of 3 : UCIP_SP_2018_46799_74739.jpg



LS view: 8-inch pipe off LS slope with possible erosion above pipe (circled).

Photo 2 of 3 : UCIP_SP_2018_46799_74740.jpg



LS view: Post located above pipe on LS slope.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0556 Upper Andrus

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough	Right	5.48	04/05/2018 04/05/2018	Keith Millard

LM Start	1.17	Rating **	M	Issue No.	390 (cont)	
LM End	1.17	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.227534 °	38.227534 °	
				-121.529396 °	-121.529396 °	
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:46799						
DS_ID:25106						
EP_NO: N/A						
Repair Type: Non-Urgent						
Crossing Status: Found						
UCIP Comments: Possible erosion above pipe on LS needs attention.						
FIELD_STRUCT_DESC: 8-inch steel irrigation pipe through the levee,						
at an unknown depth. Visible on the landside (LS), 6 feet away from the						
10-inch pipe at HLM 1.17. Post likely for protection of vent located on						
the shoulder. Power pole next to pipe on the LS. This crossing was field						
discovered.						
FS Date: 5/27/2015						

Photo 3 of 3 : UCIP_SP_2018_46799_74741.jpg



Electric pole next to pipe on LS.

LM Start	1.17	Rating **	M	Issue No.	391	
LM End	1.17	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.227568 °	38.227568 °	
				-121.529489 °	-121.529489 °	
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:45683 DS_ID:20823 EP_NO: 11169 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Appears abandoned in place and if so should be done so properly. Dense vegetation on WS limits visibility. FIELD_STRUCT_DESC: *ABANDONED* 10-inch steel irrigation discharge pipe through the levee, 3.8 feet below the crown. Located at the lower end of the rock revetment. (Plans to replace an existing 10-inch suction pipe with a 10-inch slant propeller pump on the levee authorized under Permit No. 4848, 1965 - Kay Dix Ranch Company. Retention of a 10-inch pipe through the levee, 3.8 feet below the crown, authorized under Automatic Board Order (ABO) issued as Permit No. 11169, 1975 - Darrell T. and B. M. Mealer). Abandoned in place. [Additional Reference(s): DWR Levee Log. USACE Sacramento O&M Manual 103, June 1954, (Station ""R"" 548+59.8), invert elevation 16.8 feet]. FS Date: 5/27/2015						

Photo 1 of 3 : UCIP_SP_2018_45683_74200.jpg



LS view of pipe appearing abandoned in place.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
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Reclamation District No. 0556 Upper Andrus

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough	Right	5.48	04/05/2018 04/05/2018	Keith Millard

LM Start	1.17	Rating **	M	Issue No.	391 (cont)	
LM End	1.17	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.227568 °	38.227568 °	
				-121.529489 °	-121.529489 °	
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:45683 DS_ID:20823 EP_NO: 11169 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Appears abandoned in place and if so should be done so properly. Desnse vegetation on WS limits visibility. FIELD_STRUCT_DESC: *ABANDONED* 10-inch steel irrigation discharge pipe through the levee, 3.8 feet below the crown. Located at the lower end of the rock revetment. (Plans to replace an existing 10-inch suction pipe with a 10-inch slant propeller pump on the levee authorized under Permit No. 4848, 1965 - Kay Dix Ranch Company. Retention of a 10-inch pipe through the levee, 3.8 feet below the crown, authorized under Automatic Board Order (ABO) issued as Permit No. 11169, 1975 - Darrell T. and B. M. Mealer). Abandoned in place. [Additional Reference(s): DWR Levee Log. USACE Sacramento O&M Manual 103, June 1954, (Station ""R"" 548+59.8), invert elevation 16.8 feet]. FS Date: 5/27/2015						

LM Start	1.17	Rating **	M	Issue No.	391 (cont)
LM End	1.17	Issue Type +	En	Location *	

Photo 2 of 3 : UCIP_SP_2018_45683_74201.jpg



Closeup of abandoned pipe.

Photo 3 of 3 : UCIP_SP_2018_45683_74202.jpg



View up LS slope. 10" pipe (not visible) rests next to (visible) 8" pipe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0556 Upper Andrus

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough	Right	5.48	04/05/2018 04/05/2018	Keith Millard

LM Start	1.33	Rating **	M	Issue No.	45
LM End	1.33	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.227651 °	38.227651 °
				-121.532159 °	-121.532159 °
DWR ID	DWR_RD0556_01_s_2018_45				
Comment Code					
V6 : Landscaping					
Inspector Comment					
Remove cactus and trim trees.					

No Photos

LM Start	1.33	Rating **	M	Issue No.	392	
LM End	1.33	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.227622°	38.227622°	
				-121.532154°	-121.532154°	
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:45692 DS_ID:20825 EP_NO: 13302 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Seal beneath siphon breaker off LS toe leaking. Rodent activity near crown off LS shoulder. Need to contact owner about leaky seal. Dense vegetation prevented inspection of WS slope. FIELD_STRUCT_DESC: 6-inch steel irrigation discharge pipe and 2-inch galvanized iron electrical conduit through the levee, 2 feet below the crown. Siphon valve on the landside (LS) shoulder. Concrete stand and pump at the LS toe. Circuit box also at the LS toe. Cuts visible in pavement. 6-inch polyvinyl chloride (PVC) standpipe adjacent to the pipe off the LS toe. (Plans to install a 6-inch irrigation pipe and electrical conduit through the levee authorized under Permit No. 13302, 1981 - Kaydix Ranch). [Additional Reference(s): DWR Levee Log. USACE Sacramento O&M Manual 103, June 1954, (Station ""R"" 540+85), invert elevation 16.3 feet]. FS Date: 5/27/2015						

Photo 1 of 3 : UCIP_SP_2018_45692_74204.jpg



Pipe, standpipe, electrical box at LS toe. Pumphouse in bush behind electrical box.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0556 Upper Andrus

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough	Right	5.48	04/05/2018 04/05/2018	Keith Millard

LM Start	1.33	Rating **	M	Issue No.	392 (cont)
LM End	1.33	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.227622 °	38.227622 °
				-121.532154 °	-121.532154 °
DWR ID					

Comment Code

Inspector Comment

FS_ID:45692
DS_ID:20825
EP_NO: 13302
Repair Type: Non-Urgent
Crossing Status: Found
UCIP Comments: Seal beneath siphon breaker off LS toe leaking. Rodent activity near crown off LS shoulder. Need to contact owner about leaky seal. Dense vegetation prevented inspection of WS slope. FIELD_STRUCT_DESC: 6-inch steel irrigation discharge pipe and 2-inch galvanized iron electrical conduit through the levee, 2 feet below the crown. Siphon valve on the landside (LS) shoulder. Concrete stand and pump at the LS toe. Circuit box also at the LS toe. Cuts visible in pavement. 6-inch polyvinyl chloride (PVC) standpipe adjacent to the pipe off the LS toe. (Plans to install a 6-inch irrigation pipe and electrical conduit through the levee authorized under Permit No. 13302, 1981 - Kaydix Ranch). [Additional Reference(s): DWR Levee Log. USACE Sacramento O&M Manual 103, June 1954, (Station ""R"" 540+85), invert elevation 16.3 feet].
FS Date: 5/27/2015

LM Start	1.33	Rating **	M	Issue No.	392 (cont)
LM End	1.33	Issue Type +	En	Location *	

Photo 2 of 3 : UCIP_SP_2018_45692_74205.jpg



WS view and cuts visible on pavement.

Photo 3 of 3 : UCIP_SP_2018_45692_74206.jpg



Closeup of pipe at LS toe. Seal beneath siphon breaker leaking.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0556 Upper Andrus

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough	Right	5.48	04/05/2018 04/05/2018	Keith Millard

LM Start	1.34	Rating **	U	Issue No.	27
LM End	1.37	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.227521 °	38.227320 °
				-121.532393 °	-121.532710 °
DWR ID	DWR_RD0556_01_s_2013_27				
Comment Code					
DE : Debris					
Inspector Comment					
Remove the pile of asphalt and concrete from the toe of levee.					

LM Start	1.34	Rating **	U	Issue No.	27 (cont)
LM End	1.37	Issue Type +	En	Location *	LS

Photo 1 of 3 : SP_2018_RD0556_18_27_20180305_00010.jpg



RD 556 Unit 1 levee mile 1.34-1.37 landside toe.

Photo 2 of 3 : SP_2018_RD0556_18_27_20180305_00011.jpg



RD 556 unit 1 levee miles 1.34-1.37 landside toe.

LM Start	1.34	Rating **	U	Issue No.	27 (cont)
LM End	1.37	Issue Type +	En	Location *	LS

Photo 3 of 3 : SP_2018_RD0556_18_27_20180305_00012.jpg



RD 556 Unit 1 levee mile 1.34-1.37 continuation of material on the toe.

*** Location**
LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

**** Rating**
A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0556 Upper Andrus

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough	Right	5.48	04/05/2018 04/05/2018	Keith Millard

LM Start	1.43	Rating **	M	Issue No.	40
LM End	1.43	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			38.226537 °	38.226537 °
				-121.533512 °	-121.533512 °
DWR ID	DWR_RD0556_01_f_2012_40				
Comment Code					
E1 : Note and monitor erosion site.					
Inspector Comment					

No Photos

LM Start	1.50	Rating **	M	Issue No.	22
LM End	1.50	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			38.225840 °	38.225840 °
				-121.534157 °	-121.534157 °
DWR ID	DWR_RD0556_01_s_2012_22				
Comment Code					
E1 : Note and monitor erosion site.					
Inspector Comment					

No Photos

LM Start	1.55	Rating **	A/W	Issue No.	9
LM End	1.57	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.225191 °	38.224976 °
				-121.534799 °	-121.535043 °
DWR ID	DWR_RD0556_01_s_2012_9				
Comment Code					
TR : Tree or limb					
Inspector Comment					
These cut up tree sections remain on the waterward slope to prevent parking in the area.					

Photo 1 of 1 : SP_2018_RD0556_18_9_20180305_00002.jpg



Cut tree sections on the waterside levee shoulder remain to prevent parking.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0556 Upper Andrus

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough	Right	5.48	04/05/2018 04/05/2018	Keith Millard

LM Start	1.57	Rating **	M	Issue No.	393
LM End	1.57	Issue Type +	En	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP Field Study		38.225001 °	38.225001 °	
			-121.535007 °	-121.535007 °	
DWR ID					

Comment Code

Inspector Comment

FS_ID:45743
DS_ID:20827
EP_NO: 11169
Repair Type: Non-Urgent
Crossing Status: Found
UCIP Comments: Dense vegetation on LS and WS limited accessibility.
FIELD_STRUCT_DESC: 8-inch steel irrigation discharge pipe through the levee, 3.5 feet below the crown. 1-inch air valve. Pump and gate valve on the waterside (WS) berm. 2-inch electrical conduit through the levee. 36-inch concrete standpipe and concrete block step on the landside (LS) slope. (Retention of a 10-inch pipe through the levee, 3.5 feet below the crown, and a pump and a gate valve on the WS berm authorized under Automatic Board Order (ABO) issued as Permit No. 11169, 1975 - Darrell T. and B. M. Mealer). [Additional Reference(s): DWR Levee Log, 10-inch pipe referenced. USACE Sacramento O&M Manual 103, June 1954, (Station ""R"" 528+02.1), 10-inch pipe referenced, invert elevation 16.6 feet].
FS Date: 5/27/2015

LM Start	1.57	Rating **	M	Issue No.	393 (cont)
LM End	1.57	Issue Type +	En	Location *	

Photo 1 of 3 : UCIP_SP_2018_45743_74240.jpg



Concrete standpipe and steps off LS toe.

Photo 2 of 3 : UCIP_SP_2018_45743_74241.jpg



Service pole next to standpipe off LS toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0556 Upper Andrus

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough	Right	5.48	04/05/2018 04/05/2018	Keith Millard

LM Start	1.57	Rating **	M	Issue No.	393 (cont)
LM End	1.57	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.225001 °	38.225001 °
				-121.535007 °	-121.535007 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:45743 DS_ID:20827 EP_NO: 11169 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Dense vegetation on LS and WS limited accessibility. FIELD_STRUCT_DESC: 8-inch steel irrigation discharge pipe through the levee, 3.5 feet below the crown. 1-inch air valve. Pump and gate valve on the waterside (WS) berm. 2-inch electrical conduit through the levee. 36-inch concrete standpipe and concrete block step on the landside (LS) slope. (Retention of a 10-inch pipe through the levee, 3.5 feet below the crown, and a pump and a gate valve on the WS berm authorized under Automatic Board Order (ABO) issued as Permit No. 11169, 1975 - Darrell T. and B. M. Mealer). [Additional Reference(s): DWR Levee Log, 10-inch pipe referenced. USACE Sacramento O&M Manual 103, June 1954, (Station ""R"" 528+02.1), 10-inch pipe referenced, invert elevation 16.6 feet]. FS Date: 5/27/2015					

Photo 3 of 3 : UCIP_SP_2018_45743_74242.jpg



Slant pump and pipe with 2" electrical conduit into WS slope.

LM Start	1.57	Rating **	M	Issue No.	386
LM End	1.65	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.224995 °	38.224623 °
				-121.535094 °	-121.536320 °
DWR ID	DWR_RD0556_01_f_2013_386				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					

Photo 1 of 1 : SP_2018_RD0556_18_386_20180305_00032.jpg



Remove the wild growth and trim trees from the landside levee slope.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0556 Upper Andrus

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough	Right	5.48	04/05/2018 04/05/2018	Keith Millard

LM Start	1.65	Rating **	M	Issue No.	17
LM End	1.70	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.224623 °	38.224408 °
				-121.536320 °	-121.537180 °
DWR ID	DWR_RD0556_01_s_2012_17				
Comment Code					
V6 : Landscaping					
Inspector Comment					
Maintain the landscaping on the landside slope and shoulder.					

No Photos

LM Start	1.74	Rating **	U	Issue No.	74
LM End	2.29	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.224198 °	38.220317 °
				-121.537987 °	-121.544172 °
DWR ID	DWR_RD0556_01_f_2015_74				
Comment Code					
V7 : Trees / Woody Vegetation					
Inspector Comment					
Arundo and willows need to be removed. This vegetation completely blocks the view of the waterside slope, shoulder and toe.					

Photo 1 of 1 : SP_2018_RD0556_18_74_20180305_00031.jpg



RD 556 Unit 1 waterside levee mile 1.74-2.29.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0556 Upper Andrus

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough	Right	5.48	04/05/2018 04/05/2018	Keith Millard

LM Start	1.79	Rating **	M	Issue No.	394
LM End	1.79	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.223999 °	38.223999 °
				-121.538735 °	-121.538735 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:45746 DS_ID:20828 EP_NO: 3735 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Dense vegetation on LS and WS limited accessibility. FIELD_STRUCT_DESC: 4-inch electrical conduit of an unknown material under Georgiana Slough and through its levees, 4 feet below the crown. Pump on the waterside (WS) berm. Power pole on the landside (LS) in alignment with the cuts in the pavement. (Plans for installation of a 12-kilovolt submarine cable under Georgiana Slough and through its levees authorized under Permit No. 3735, 1961 - Pacific Gas and Electric Company [PG&E]). [Additional Reference(s): DWR Levee Log]. FS Date: 5/27/2015					

LM Start	1.79	Rating **	M	Issue No.	394 (cont)
LM End	1.79	Issue Type +	En	Location *	

Photo 1 of 3 : UCIP_SP_2018_45746_74250.jpg



View of WS and cuts in pavement.

Photo 2 of 3 : UCIP_SP_2018_45746_74251.jpg



Cuts in pavement in alignment with electric pole off LS toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0556 Upper Andrus

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough	Right	5.48	04/05/2018 04/05/2018	Keith Millard

LM Start	1.79	Rating **	M	Issue No.	394 (cont)	
LM End	1.79	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DWR UCIP Field Study			38.223999 °		38.223999 °
				-121.538735 °		-121.538735 °
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:45746 DS_ID:20828 EP_NO: 3735 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Dense vegetation on LS and WS limited accessibility. FIELD_STRUCT_DESC: 4-inch electrical conduit of an unknown material under Georgiana Slough and through its levees, 4 feet below the crown. Pump on the waterside (WS) berm. Power pole on the landside (LS) in alignment with the cuts in the pavement. (Plans for installation of a 12-kilovolt submarine cable under Georgiana Slough and through its levees authorized under Permit No. 3735, 1961 - Pacific Gas and Electric Company [PG&E]). [Additional Reference(s): DWR Levee Log]. FS Date: 5/27/2015						

Photo 3 of 3 : UCIP_SP_2018_45746_74252.jpg



Pipe debris present at LS toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0556 Upper Andrus

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough	Right	5.48	04/05/2018 04/05/2018	Keith Millard

LM Start	1.89	Rating **	M	Issue No.	395	
LM End	1.89	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.223760 °	38.223760 °	
				-121.540629 °	-121.540629 °	
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:45764 DS_ID:20829 EP_NO: 11178 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Dense vegetation on WS and LS. Some oil leakage inside pumphouse. FIELD_STRUCT_DESC: 8-inch steel irrigation discharge pipe through the levee, 3.7 feet below the crown. 2-inch electrical conduit through the levee, next to the 8-inch discharge pipe. 1-inch air valve and pump on the waterside (WS) berm. Service pole on the landside (LS) slope. Tin and wood pump house on the WS berm. 12-foot by 3-foot concrete standpipe on the LS. (Retention of an 8-inch pipe through the levee, 3.7 feet below the crown, a pump on the WS berm, and a service pole on the LS slope authorized under Automatic Board Order (ABO) issued as Permit No. 11178, 1975 - Allena D. Swett). [Additional Reference(s): DWR Levee Log. USACE Sacramento O&M Manual 103, June 1954, (Station ""R"" 511+00), invert elevation 16.4 feet]. FS Date: 5/27/2015						

LM Start	1.89	Rating **	M	Issue No.	395 (cont)
LM End	1.89	Issue Type +	En	Location *	

Photo 1 of 3 : UCIP_SP_2018_45764_74260.jpg



LS view: service pole on LW slope. Standpipe not visible in photo.

Photo 2 of 3 : UCIP_SP_2018_45764_74261.jpg



Pole on LS slope with electric box and 2-inch conduit.

* Location	** Rating	+ Issue Type
LS : Land Side WS : Water Side CR : Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
N/A : Not Applicable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0556 Upper Andrus

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough	Right	5.48	04/05/2018 04/05/2018	Keith Millard

LM Start	1.89	Rating **	M	Issue No.	395 (cont)
LM End	1.89	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.223760 °	38.223760 °
				-121.540629 °	-121.540629 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:45764 DS_ID:20829 EP_NO: 11178 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Dense vegetation on WS and LS. Some oil leakage inside pumphouse. FIELD_STRUCT_DESC: 8-inch steel irrigation discharge pipe through the levee, 3.7 feet below the crown. 2-inch electrical conduit through the levee, next to the 8-inch discharge pipe. 1-inch air valve and pump on the waterside (WS) berm. Service pole on the landside (LS) slope. Tin and wood pump house on the WS berm. 12-foot by 3-foot concrete standpipe on the LS. (Retention of an 8-inch pipe through the levee, 3.7 feet below the crown, a pump on the WS berm, and a service pole on the LS slope authorized under Automatic Board Order (ABO) issued as Permit No. 11178, 1975 - Allena D. Swett). [Additional Reference(s): DWR Levee Log. USACE Sacramento O&M Manual 103, June 1954, (Station ""R"" 511+00), invert elevation 16.4 feet]. FS Date: 5/27/2015					

Photo 3 of 3 : UCIP_SP_2018_45764_74262.jpg



Standpipe on LS next to service pole.

LM Start	1.91	Rating **	U	Issue No.	47
LM End	1.91	Issue Type +	En	Location *	
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.223736 °	38.223736 °
				-121.541036 °	-121.541036 °
DWR ID	DWR_RD0556_01_s_2018_47				
Comment Code					
V6 : Landscaping					
Inspector Comment					
Dense vegetation prevents inspection and access.					

Photo 1 of 1 : SP_2018_RD0556_18_47_20180409_00066.jpg



Landscaping should be thinned.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0556 Upper Andrus

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough	Right	5.48	04/05/2018 04/05/2018	Keith Millard

LM Start	2.09	Rating **	U	Issue No.	25
LM End	2.11	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.223087 °	38.222850 °
				-121.544140 °	-121.544330 °
DWR ID	DWR_RD0556_01_f_2017_25				
Comment Code					
FE : Fence					
Inspector Comment					

Photo 1 of 1 : SP_2018_RD0556_18_25_20180305_00008.jpg



Unpermitted fence covered in berry vines along landside levee toe should be moved back 10 feet to allow access.

LM Start	2.10	Rating **	M	Issue No.	48
LM End	2.10	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.223022 °	38.223022 °
				-121.544222 °	-121.544222 °
DWR ID	DWR_RD0556_01_s_2018_48				
Comment Code					
V6 : Landscaping					
Inspector Comment					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0556 Upper Andrus

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough	Right	5.48	04/05/2018 04/05/2018	Keith Millard

LM Start	2.13	Rating **	M	Issue No.	396
LM End	2.13	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.222560 °	38.222560 °
				-121.544485 °	-121.544485 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:45786 DS_ID:20830 EP_NO: 2392 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Hole and exposed depression adjacent to pipe at LS. Dense vegetation on WS and LS limited visibility. FIELD_STRUCT_DESC: 12-inch steel irrigation discharge pipe through the levee, 3 feet below the crown. Slant pump on the waterside (WS) bank. 1-inch electrical conduit through the levee, beside the 12-inch pipe, visible on the WS. Service pole and two standpipes at the landside (LS) toe. One of the two standpipes is 6 inches. (Plans for the installation of a pumping plant and a steel pipe through the levee authorized under Permit No. 2392, 1956 - Loyal D. Mealer). [Additional Reference(s): DWR Levee Log]. FS Date: 5/27/2015					

LM Start	2.13	Rating **	M	Issue No.	396 (cont)
LM End	2.13	Issue Type +	En	Location *	

Photo 1 of 3 : UCIP_SP_2018_45786_74280.jpg



WS view: Slant pump, 12-inch and 1-inch pipe through levee.

Photo 2 of 3 : UCIP_SP_2018_45786_74281.jpg



View toward WS with cuts in pavement in alignment with pipe on WS

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0556 Upper Andrus

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough	Right	5.48	04/05/2018 04/05/2018	Keith Millard

LM Start	2.13	Rating **	M	Issue No.	396 (cont)	
LM End	2.13	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.222560 °	38.222560 °	
				-121.544485 °	-121.544485 °	
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:45786 DS_ID:20830 EP_NO: 2392 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Hole and exposed depression adjacent to pipe at LS. Dense vegetation on WS and LS limited visibility. FIELD_STRUCT_DESC: 12-inch steel irrigation discharge pipe through the levee, 3 feet below the crown. Slant pump on the waterside (WS) bank. 1-inch electrical conduit through the levee, beside the 12-inch pipe, visible on the WS. Service pole and two standpipes at the landside (LS) toe. One of the two standpipes is 6 inches. (Plans for the installation of a pumping plant and a steel pipe through the levee authorized under Permit No. 2392, 1956 - Loyal D. Mealer). [Additional Reference(s): DWR Levee Log]. FS Date: 5/27/2015						

Photo 3 of 3 : UCIP_SP_2018_45786_74282.jpg



LS: 2 standpipes and service pole.

LM Start	2.33	Rating **	U	Issue No.	49
LM End	2.33	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.219755 °	38.219755 °
				-121.543991 °	-121.543991 °
DWR ID	DWR_RD0556_01_s_2018_49				
Comment Code					
V6 : Landscaping					
Inspector Comment					
Remove very large fig tree.					

Photo 1 of 1 : SP_2018_RD0556_18_49_20180409_00067.jpg



Remove or manage large fig tree.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0556 Upper Andrus

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough	Right	5.48	04/05/2018 04/05/2018	Keith Millard

LM Start	2.34	Rating **	U	Issue No.	26
LM End	2.34	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.219592 °	38.219592 °
				-121.543960 °	-121.543960 °
DWR ID	DWR_RD0556_01_f_2017_26				
Comment Code					
V6 : Landscaping					
Inspector Comment					

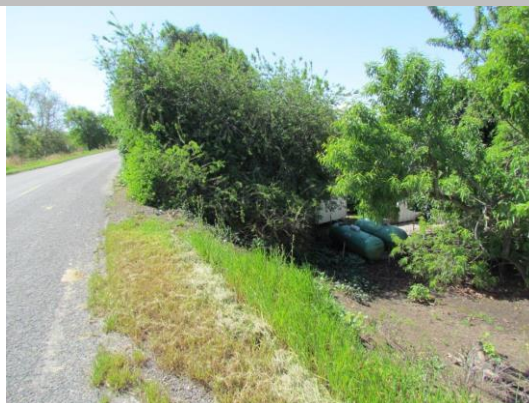
Photo 1 of 1 : SP_2018_RD0556_18_26_20180305_00009.jpg



Large fig tree should be trimmed to allow inspection and access to levee slope and toe.

LM Start	2.38	Rating **	U	Issue No.	31
LM End	2.43	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.219037 °	38.218342 °
				-121.543847 °	-121.543842 °
DWR ID	DWR_RD0556_01_s_2017_31				
Comment Code					
V6 : Landscaping					
Inspector Comment					

Photo 1 of 2 : SP_2018_RD0556_18_31_20180305_00016.jpg



Looking downstream from the landside shoulder woody tree growth blocking the slope and shoulder.

LM Start	2.38	Rating **	U	Issue No.	31 (cont)
LM End	2.43	Issue Type +	En	Location *	LS

Photo 2 of 2 : SP_2018_RD0556_18_31_20180305_00017.jpg



Trim and thin trees to allow visibility of the slope and ground.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0556 Upper Andrus

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough	Right	5.48	04/05/2018 04/05/2018	Keith Millard

LM Start	2.38	Rating **	U	Issue No.	50
LM End	2.43	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.219029 °	38.218342 °
				-121.543831 °	-121.543837 °
DWR ID	DWR_RD0556_01_s_2018_50				
Comment Code					
V6 : Landscaping					
Inspector Comment					

Photo 1 of 1 : SP_2018_RD0556_18_50_20180409_00068.jpg



Manage landscaping.

LM Start	2.44	Rating **	U	Issue No.	397	
LM End	2.44	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.218242 °	38.218242 °	
				-121.543807 °	-121.543807 °	
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:45803 DS_ID:20831 EP_NO: 11169 Repair Type: Urgent Crossing Status: Found UCIP Comments: 2'x2' hole on levee off LS shoulder. FIELD_STRUCT_DESC: 8-inch steel irrigation discharge pipe through the levee, 3.7 feet below the crown. 1-inch air valve. Pump and switch panel on the waterside (WS) berm. Service pole on the landside (LS). 9-foot by 3-foot concrete standpipe on the LS. 3 cables encased in a 1.5-inch steel conduit through the levee and on the WS, alongside the 8-inch pipe, disconnected on the WS. (Retention of an 8-inch pipe through the levee, 3.7 feet below the crown, a pump and a switch panel on the WS berm, and a service pole on the LS authorized under Automatic Board Order (ABO) issued as Permit No. 11169, 1975 - Darrell T. and B. M. Mealer). [Additional Reference(s): DWR Levee Log. USACE Sacramento O&M Manual 103, June 1954, (Station ""R"" 482+49.3), invert elevation 16 feet]. FS Date: 5/27/2015						

Photo 1 of 3 : UCIP_SP_2018_45803_74285.jpg



Pipe, pump @LS toe. 2'x2' hole off shoulder. Spigot in hole possibly for irrigation. House and service pole in background.

* Location	** Rating	+ Issue Type
LS : Land Side WS : Water Side CR : Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0556 Upper Andrus

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough	Right	5.48	04/05/2018 04/05/2018	Keith Millard

LM Start	2.44	Rating **	U	Issue No.	397 (cont)	
LM End	2.44	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.218242 °	38.218242 °	
				-121.543807 °	-121.543807 °	
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:45803 DS_ID:20831 EP_NO: 11169 Repair Type: Urgent Crossing Status: Found UCIP Comments: 2'x2' hole on levee off LS shoulder. FIELD_STRUCT_DESC: 8-inch steel irrigation discharge pipe through the levee, 3.7 feet below the crown. 1-inch air valve. Pump and switch panel on the waterside (WS) berm. Service pole on the landside (LS). 9-foot by 3-foot concrete standpipe on the LS. 3 cables encased in a 1.5-inch steel conduit through the levee and on the WS, alongside the 8-inch pipe, disconnected on the WS. (Retention of an 8-inch pipe through the levee, 3.7 feet below the crown, a pump and a switch panel on the WS berm, and a service pole on the LS authorized under Automatic Board Order (ABO) issued as Permit No. 11169, 1975 - Darrell T. and B. M. Mealer). [Additional Reference(s): DWR Levee Log. USACE Sacramento O&M Manual 103, June 1954, (Station ""R"" 482+49.3), invert elevation 16 feet]. FS Date: 5/27/2015						

LM Start	2.44	Rating **	U	Issue No.	397 (cont)
LM End	2.44	Issue Type +	En	Location *	

Photo 2 of 3 : UCIP_SP_2018_45803_74286.jpg



Closeup of 8-inch pipe, electrical conduit and box at LS berm.

Photo 3 of 3 : UCIP_SP_2018_45803_74287.jpg



Closeup of 8-inch and 1.5-inch pipes and platform off LS toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0556 Upper Andrus

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough	Right	5.48	04/05/2018 04/05/2018	Keith Millard

LM Start	2.46	Rating **	M	Issue No.	51
LM End	2.46	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.217917 °	38.217917 °
				-121.543830 °	-121.543830 °
DWR ID	DWR_RD0556_01_s_2018_51				
Comment Code					
V6 : Landscaping					
Inspector Comment					
Remove large cactus.					

No Photos

LM Start	2.54	Rating **	M	Issue No.	32
LM End	2.81	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.216770 °	38.214455 °
				-121.543212 °	-121.539433 °
DWR ID	DWR_RD0556_01_f_2016_32				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					
Remove the vegetation from the landside slope.					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0556 Upper Andrus

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough	Right	5.48	04/05/2018 04/05/2018	Keith Millard

LM Start	2.71	Rating **	M	Issue No.	398	
LM End	2.71	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.215222 °	38.215222 °	
				-121.540950 °	-121.540950 °	
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:45883 DS_ID:20848 EP_NO: 11167 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Pipe appears out of use; if so, coordinate with owner to abandon properly per Title 23. FIELD_STRUCT_DESC: 8-inch steel casing through the levee, 3 feet below the crown. 3-inch steel irrigation discharge pipe sleeved through the 8-inch casing. Annular space appears to be grouted. 3-inch pipe connected to the pump on the waterside (WS). 0.75-inch primer pipe. Gate valve on the WS berm. Polyvinyl chloride (PVC) standpipe off the landside (LS) toe, previously a 6-foot by 3-foot concrete standpipe. Pipe not in use. (Retention of an 8-inch pipe through the levee, 3 feet below the crown, and a gate valve on the WS berm authorized under Automatic Board Order (ABO) issued as Permit No. 11167, 1975 - Russel G. Graham, pipe not in use). [Additional Reference(s): DWR Levee Log. USACE Sacramento O&M Manual 103, June 1954, (Station ""R"" 468+52.7), invert elevation 15.9 feet]. FS Date: 6/5/2015 8:11:00 AM						

No Photos

LM Start	2.72	Rating **	U	Issue No.	33
LM End	2.72	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.215107 °	38.215107 °
				-121.540677 °	-121.540677 °
DWR ID	DWR_RD0556_01_s_2017_33				
Comment Code					
S1 : Repair slope instability.					
Inspector Comment					
Fallen tree on landside. Remove the fallen tree and repair the levee damage.					

Photo 1 of 2 : SP_2018_RD0556_18_33_20180305_00018.jpg



RD 556 Unit 1 levee mile 2.72 fallen tree damage to shoulder and slope.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0556 Upper Andrus

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough	Right	5.48	04/05/2018 04/05/2018	Keith Millard

LM Start	2.72	Rating **	U	Issue No.	33 (cont)	
LM End	2.72	Issue Type +	Ma	Location *	LS	
Category	Earthen Levee			GPS Latitude/Longitude		
				Start		End
Item	Slope Stability			38.215107 °		38.215107 °
				-121.540677 °		-121.540677 °
DWR ID	DWR_RD0556_01_s_2017_33					
Comment Code						
S1 : Repair slope instability.						
Inspector Comment						
Fallen tree on landside. Remove the fallen tree and repair the levee damage.						

Photo 2 of 2 : SP_2018_RD0556_18_33_20180305_00019.jpg



RD 349 Unut 1 levee mile 2.72 the root ball of the fallen tree on slope landward.

LM Start	2.96	Rating **	M	Issue No.	63
LM End	2.99	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.212661 °	38.212328 °
				-121.537633 °	-121.537318 °
DWR ID	DWR_RD0556_01_s_2013_63				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					
Remove the vegetation from the waterside slope.					

No Photos

LM Start	2.99	Rating **	M	Issue No.	53
LM End	3.04	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.212406 °	38.211703 °
				-121.537361 °	-121.536938 °
DWR ID	DWR_RD0556_01_s_2018_53				
Comment Code					
V6 : Landscaping					
Inspector Comment					
Remove oleanders and ivy.					

No Photos

* Location		** Rating		+ Issue Type	
LS : Land Side	N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiency	
WS : Water Side		M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence	
CR : Crown		U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement	

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0556 Upper Andrus

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough	Right	5.48	04/05/2018 04/05/2018	Keith Millard

LM Start	3.09	Rating **	M	Issue No.	54
LM End	3.12	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.211244 °	38.211103 °
				-121.537458 °	-121.537993 °
DWR ID	DWR_RD0556_01_s_2018_54				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					

No Photos

LM Start	3.12	Rating **	U	Issue No.	35
LM End	3.14	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.211103 °	38.210970 °
				-121.537993 °	-121.538370 °
DWR ID	DWR_RD0556_01_s_2017_35				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					
Remove the unwanted wild growth from the waterside slope.					

Photo 1 of 1 : SP_2018_RD0556_18_35_20180305_00021.jpg



RD 556 Unit 1 levee mile 3.12-3.14 waterside shoulder and slope.

LM Start	3.14	Rating **	U	Issue No.	28
LM End	3.26	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			38.210985 °	38.210160 °
				-121.538372 °	-121.540300 °
DWR ID	DWR_RD0556_01_f_2017_28				
Comment Code					
A1 : Exterminate rodents and backfill and compact or grout burrows.					
Inspector Comment					

Photo 1 of 1 : SP_2018_RD0556_18_28_20180305_00013.jpg



Significant rodent activity in this area must be stopped. Holes should be backfilled.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0556 Upper Andrus

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough	Right	5.48	04/05/2018 04/05/2018	Keith Millard

LM Start	3.22	Rating **	C	Issue No.	36
LM End	3.22	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.210528 °	38.210528 °
				-121.539678 °	-121.539678 °
DWR ID	DWR_RD0556_01_s_2017_36				
Comment Code					
S1 : Repair slope instability.					
Inspector Comment					
Repair the erosion sites.					

No Photos

LM Start	3.24	Rating **	C	Issue No.	37
LM End	3.24	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.210365 °	38.210365 °
				-121.540002 °	-121.540002 °
DWR ID	DWR_RD0556_01_s_2017_37				
Comment Code					
S1 : Repair slope instability.					
Inspector Comment					
Repair the erosion on the slope.					

No Photos

LM Start	3.25	Rating **	U	Issue No.	38
LM End	3.29	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.210250 °	38.209842 °
				-121.540207 °	-121.540658 °
DWR ID	DWR_RD0556_01_s_2017_38				
Comment Code					
V7 : Trees / Woody Vegetation					
Inspector Comment					
Remove the wild tree growth and vegetation from the landside levee slope and toe so the ground can be seen.					

Photo 1 of 1 : SP_2018_RD0556_18_38_20180305_00025.jpg



556 Unit 1 levee mile 3.25-3.29 woody tree growth and vegetation blocking the view of the levee slope and toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain			

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0556 Upper Andrus

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough	Right	5.48	04/05/2018 04/05/2018	Keith Millard

LM Start	3.38	Rating **	U	Issue No.	29
LM End	3.42	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.208755 °	38.208191 °
				-121.541395 °	-121.541578 °
DWR ID	DWR_RD0556_01_f_2017_29				
Comment Code					
V6 : Landscaping					
Inspector Comment					

Photo 1 of 1 : SP_2018_RD0556_18_29_20180305_00014.jpg



Large cactus growing on shoulder and slope should be removed to allow inspection and access.

LM Start	3.42	Rating **	M	Issue No.	41
LM End	3.93	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.208113 °	38.201603 °
				-121.541582 °	-121.542352 °
DWR ID	DWR_RD0556_01_s_2017_41				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					
Remove the wild growth other than annual grasses from the levee slope.					

Photo 1 of 1 : SP_2018_RD0556_18_41_20180305_00027.jpg



556 Unit 1 levee mile 3.42-5.47 landside shoulder and slope.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0556 Upper Andrus

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough	Right	5.48	04/05/2018 04/05/2018	Keith Millard

LM Start	3.43	Rating **	A/W	Issue No.	23
LM End	3.75	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2017 Storm Damage			38.208070 °	38.203400 °
				-121.541700 °	-121.540990 °
DWR ID	DWR_RD0556_01_f_2017_23				

Comment Code

Inspector Comment

Levee Evaluation Comments

Description:

Site ID No:67

Site Designation:USACE_CESPK_UPA1_2011_p_0143

Repair Type: Stability

Rating:Area of Concern

Field Date:2/7/2017

Notes: inactive ditch on landside toe, slope covered in heavy vegetation, minor landside lower slope sloughing observed,

LM Start	3.43	Rating **	A/W	Issue No.	23 (cont)
LM End	3.75	Issue Type +	Ma	Location *	

Photo 1 of 2 : SP_2018_RD0556_18_23_20180305_00005.jpg



Photo 2 of 2 : SP_2018_RD0556_18_23_20180305_00006.jpg



* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0556 Upper Andrus

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough	Right	5.48	04/05/2018 04/05/2018	Keith Millard

LM Start	3.91	Rating **	U	Issue No.	30
LM End	3.91	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.201672 °	38.201672 °
				-121.542133 °	-121.542133 °
DWR ID	DWR_RD0556_01_f_2017_30				
Comment Code					
V6 : Landscaping					
Inspector Comment					

Photo 1 of 1 : SP_2018_RD0556_18_30_20180305_00015.jpg



Trim/thin landscaping to allow inspection and access to levee slope and toe.

LM Start	3.93	Rating **	U	Issue No.	34
LM End	3.98	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.201603 °	38.201273 °
				-121.542352 °	-121.543328 °
DWR ID	DWR_RD0556_01_f_2017_34				
Comment Code					
V6 : Landscaping					
Inspector Comment					

Photo 1 of 1 : SP_2018_RD0556_18_34_20180305_00020.jpg



Remove large cactus from waterside shoulder to allow inspection and access.

* Location
LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

** Rating
A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0556 Upper Andrus

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough	Right	5.48	04/05/2018 04/05/2018	Keith Millard

LM Start	3.98	Rating **	U	Issue No.	39
LM End	5.48	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.201273 °	38.186464 °
				-121.543328 °	-121.562550 °
DWR ID	DWR_RD0556_01_f_2017_39				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					
Remove wild growth and arundo from landside slope and toe.					

Photo 1 of 1 : SP_2018_RD0556_18_39_20180305_00026.jpg



Control dense growth of wild vegetation, berry vines and arundo on landside to allow inspection and access.

LM Start	4.04	Rating **	M	Issue No.	59
LM End	4.80	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			38.200897 °	38.192662 °
				-121.544350 °	-121.553160 °
DWR ID	DWR_RD0556_01_f_2012_59				
Comment Code					
A1 : Exterminate rodents and backfill and compact or grout burrows.					
Inspector Comment					
Exterminate the rodents and backfill the burrows.					

No Photos

LM Start	4.07	Rating **	U	Issue No.	67
LM End	5.48	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.200658 °	38.186464 °
				-121.544711 °	-121.562550 °
DWR ID	DWR_RD0556_01_s_2013_67				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					
Remove the wild weed growth and Arundo from the waterside levee section.					

Photo 1 of 1 : SP_2018_RD0556_18_67_20180305_00030.jpg



Looking downstream on the waterside arundo completely blocking view of the slope and shoulder.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain			

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0556 Upper Andrus

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough	Right	5.48	04/05/2018 04/05/2018	Keith Millard

LM Start	4.28	Rating **	M	Issue No.	55
LM End	5.48	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.198077 °	38.186479 °
				-121.546806 °	-121.562538 °
DWR ID	DWR_RD0556_01_s_2018_55				
Comment Code					
V9 : Keep the crown roadway free of vegetation.					
Inspector Comment					

No Photos

LM Start	5.10	Rating **	U	Issue No.	56
LM End	5.10	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Repair Gates			38.190157 °	38.190157 °
				-121.557555 °	-121.557555 °
DWR ID	DWR_RD0556_01_s_2018_56				
Comment Code					
Inspector Comment					
Gate needs repair or replacement.					

Photo 1 of 1 : SP_2018_RD0556_18_56_20180409_00069.jpg



Repair or replace broken gate.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0556 Upper Andrus

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough	Right	5.48	04/05/2018 04/05/2018	Keith Millard

LM Start	5.12	Rating **	M	Issue No.	1
LM End	5.27	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2015 USACE Erosion Survey, DRAFT			38.189775 °	38.188121 °
				-121.557729 °	-121.559413 °
DWR ID	DWR_RD0556_01_f_2016_1				
Comment Code					
Inspector Comment					
1997 - Toe damaged rock. 1999 - One pocket filled with gravel. 2000 - Eroding beach with some biotech rolls and stakes; some gravel on slope. 2001 - Staked, low fascine walls at bankline. 2005 - Stone revetment in between pockets. 2006 - New rock on upper slope behind brush boxes at the upstream end, Stone is sliding off the hard toe. 2015: Last observed in 2013. [2015 Site ID: GEO_7-0_R]					

Photo 1 of 1 : SP_2018_RD0556_18_1_20180305_00001.jpg



USACE 2013 Photo #1

LM Start	5.46	Rating **	U	Issue No.	44
LM End	5.46	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.186593 °	38.186593 °
				-121.562217 °	-121.562217 °
DWR ID	DWR_RD0556_01_s_2017_44				
Comment Code					
TR : Tree or limb					
Inspector Comment					
Remove the fallen tree from the landside slope and repair the damage to the slope.					

Photo 1 of 2 : SP_2018_RD0556_18_44_20180305_00028.jpg



RD 556 Unit 1 levee mile 5.46 fallen tree on landside slope and damage to the slope.

LM Start	5.46	Rating **	U	Issue No.	44 (cont)
LM End	5.46	Issue Type +	En	Location *	LS

Photo 2 of 2 : SP_2018_RD0556_18_44_20180305_00029.jpg



view from upstream.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0556 Upper Andrus

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough	Right	5.48	04/05/2018 04/05/2018	Keith Millard

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Unit Cover Sheet

Spring 2018 Levee Inspection Results

Reclamation District No. 0556 Upper Andrus

Waterway			Bank	Unit Miles
Unit No. 02 Sacramento River			Left	5.72
	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)				
Date of Inspection	4/5/2018 - 4/5/2018			
DWR Inspector	Keith Millard			
Accompanied By	Alan Silva RD 556			

Summer & Winter Inspections

The Local Maintaining Agency (LMA) is responsible for summer and winter inspections. The LMA is required to submit a report regarding summer and winter inspections to the California Department of Water Resources (DWR).

DWR must be informed on the:

- a) completion of the inspection
- b) any changes other than the results of normal maintenance
- c) corrections to deficiencies noted in this report

If additional items are noted, further documentation of those items must also be submitted.

The LMA should submit this information to DWR using the LMA web application tool available at:

<http://cdec.water.ca.gov/lma.html>

If the LMA is unable to submit information on this webpage, please contact DWR for assistance.

The LMA should submit the information and any associated documentation by September 30 for summer inspections and March 31 for winter inspections.

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0556 Upper Andrus

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sacramento River	Left	5.72	04/05/2018 04/05/2018	Keith Millard

LM Start	0.00	Rating **	M	Issue No.	82
LM End	5.71	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.200550 °	38.191937 °
				-121.544190 °	-121.567510 °
DWR ID	DWR_RD0556_02_s_2013_82				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					

Photo 1 of 2 : SP_2018_RD0556_19_82_20180305_00023.jpg



Waterside levee slope and shoulder have been mowed to 20' from

LM Start	0.00	Rating **	M	Issue No.	82 (cont)
LM End	5.71	Issue Type +	Ma	Location *	WS

Photo 2 of 2 : SP_2018_RD0556_19_82_20180305_00024.jpg



RD 556 Unit 2 looking downstream of waterside slope.

LM Start	0.11	Rating **	M	Issue No.	24
LM End	1.02	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.238959 °	38.238491 °
				-121.520263 °	-121.536709 °
DWR ID	DWR_RD0556_02_s_2018_24				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0556 Upper Andrus

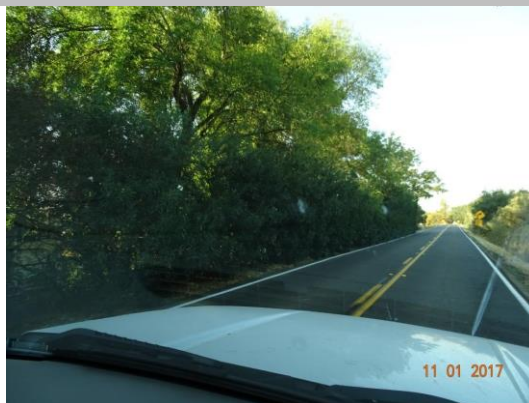
Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sacramento River	Left	5.72	04/05/2018 04/05/2018	Keith Millard

LM Start	0.11	Rating **	M	Issue No.	39
LM End	1.02	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.238961 °	38.238491 °
				-121.520264 °	-121.536710 °
DWR ID	DWR_RD0556_02_s_2018_39				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

No Photos

LM Start	0.55	Rating **	M	Issue No.	25
LM End	0.55	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.237810 °	38.237810 °
				-121.528182 °	-121.528182 °
DWR ID	DWR_RD0556_02_f_2017_25				
Comment Code					
V6 : Landscaping					
Inspector Comment					

Photo 1 of 1 : SP_2018_RD0556_19_25_20180305_00010.jpg



Trim/thin oleanders.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0556 Upper Andrus

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sacramento River	Left	5.72	04/05/2018 04/05/2018	Keith Millard

LM Start	0.94	Rating **	M	Issue No.	83
LM End	0.94	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.238125 °	38.238125 °
				-121.535267 °	-121.535267 °
DWR ID					

Comment Code

Inspector Comment

FS_ID:12512
DS_ID:20851
EP_NO: 11186
Repair Type: Non-Urgent
Crossing Status: Found
UCIP Comments: - a concrete box on LS- water is leaking from priming plastic tank and causing surface erosion on levee slope.
FIELD_STRUCT_DESC: 4-inch steel irrigation discharge pipe through the levee, 4.3 feet below the crown. Pump and gate valve in a pump house on the waterside (WS) berm. Siphon breaker and service pole on the landside (LS) slope. Concrete spill box with three 8-inch openings. (Retention of a 4-inch pipe through the levee, 4.3 feet below the crown, a pump in a pump house on the WS berm, and a siphon breaker and a service pole on the LS slope authorized under Automatic Board Order (ABO) issued as Permit No. 11186, 1975 - Margaret M. Marks).
[Additional Reference(s): DWR Levee Log. USACE Sacramento O&M Manual 103, June 1954, (Station ""J"" 192+00), 6-inch pipe referenced, invert elevation 18.8 feet].
FS Date: 4/25/2013

LM Start	0.94	Rating **	M	Issue No.	83 (cont)
LM End	0.94	Issue Type +	En	Location *	

Photo 1 of 3 : UCIP_SP_2018_12512_20245.jpg



WS- pump house on levee berm

Photo 2 of 3 : UCIP_SP_2018_12512_20244.jpg



LS- steel pipe on a concrete box

* Location	** Rating	+ Issue Type
LS : Land Side WS : Water Side CR : Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
N/A : Not Applicable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	

Reclamation District No. 0556 Upper Andrus

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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0556 Upper Andrus

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sacramento River	Left	5.72	04/05/2018 04/05/2018	Keith Millard

LM Start	1.03	Rating **	M	Issue No.	2
LM End	1.15	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2015 USACE Erosion Survey, DRAFT			38.238772 °	38.239265 °
				-121.536788 °	-121.538845 °
DWR ID	DWR_RD0556_02_f_2016_2				
Comment Code					
Inspector Comment					
1997 - Rock is in poor condition and has failed in many places. Scallops in berm with remnants of old rock in the toe area. 2005 - Brush boxes present. 2013 - Site extended upstream approximately 300 ft to include new erosion pockets. 2015: Minor new erosion at toe. [2015 Site ID: SAC 25-2 L]					

Photo 1 of 1 : SP_2018_RD0556_19_2_20180305_00002.jpg



USACE 2013 Photo #1

LM Start	1.12	Rating **	M	Issue No.	42
LM End	2.87	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.238909 °	38.229109 °
				-121.538427 °	-121.555360 °
DWR ID	DWR_RD0556_02_s_2018_42				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

No Photos

LM Start	1.14	Rating **	U	Issue No.	26
LM End	1.14	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.239005 °	38.239005 °
				-121.538772 °	-121.538772 °
DWR ID	DWR_RD0556_02_f_2017_26				
Comment Code					
V6 : Landscaping					
Inspector Comment					
Trim/thin oleanders.					

Photo 1 of 1 : SP_2018_RD0556_19_26_20180409_00061.jpg



Manage oleanders to allow inspection and access.

* Location		** Rating		+ Issue Type	
LS : Land Side	N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiency	
WS : Water Side		M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence	
CR : Crown		U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement	

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0556 Upper Andrus

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sacramento River	Left	5.72	04/05/2018 04/05/2018	Keith Millard

LM Start	1.22	Rating **	M	Issue No.	84 (cont)	
LM End	1.22	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DWR UCIP Field Study			38.239327 °		38.239327 °
				-121.540190 °		-121.540190 °
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:12573 DS_ID:20852 EP_NO: 11187 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: - gap between 6-inch pipe and 10-inch pipe needs to be sealed. FIELD_STRUCT_DESC: 6-inch steel irrigation discharge pipe sleeved through a 10-inch steel pipe through the levee, 4.8 feet below the crown. Pump on the riverbank. (Retention of a 10-inch pipe through the levee, 4.8 feet below the crown, a flap gate on the waterside (WS) end, landside (LS) end open, used to sleeve portable irrigation pipe, authorized under Automatic Board Order (ABO) issued as Permit No. 11187, 1975 - Ernest and Alvine Machado). [Additional Reference(s): DWR Levee Log]. FS Date: 4/25/2013						

Photo 3 of 3 : UCIP_SP_2018_12573_20383.jpg



WS- 6-inch steel pipe on levee slope

LM Start	1.31	Rating **	U	Issue No.	28
LM End	1.31	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.239677 °	38.239677 °
				-121.541715 °	-121.541715 °
DWR ID	DWR_RD0556_02_f_2017_28				
Comment Code					
V6 : Landscaping					
Inspector Comment					

Photo 1 of 1 : SP_2018_RD0556_19_28_20180305_00013.jpg



Trim/thin oleanders.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0556 Upper Andrus

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sacramento River	Left	5.72	04/05/2018 04/05/2018	Keith Millard

LM Start	1.39	Rating **	U	Issue No.	29
LM End	1.39	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.239935 °	38.239935 °
				-121.543148 °	-121.543148 °
DWR ID	DWR_RD0556_02_f_2017_29				
Comment Code					
EQ : Equipment					
Inspector Comment					

Photo 1 of 1 : SP_2018_RD0556_19_29_20180305_00014.jpg



Remove/relocate two large sea-train shipping containers to 10 feet from landside toe to allow inspection and access.

LM Start	1.45	Rating **	M	Issue No.	5
LM End	1.59	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2015 USACE Erosion Survey, DRAFT			38.240401 °	38.240772 °
				-121.544106 °	-121.546791 °
DWR ID	DWR_RD0556_02_f_2016_5				
Comment Code					
Inspector Comment					
1997 - Slow erosion of the berm at the waterline; bench below water. 2005 - Brush boxes present. 2010 - Minor new erosion. 2013 - There is little to no berm remaining at downstream end of this site. 2015: No observed changes. [2015 Site ID: SAC_24-8_L]					

Photo 1 of 1 : SP_2018_RD0556_19_5_20180305_00005.jpg



USACE 2013 Photo #1

LM Start	1.48	Rating **	U	Issue No.	41
LM End	1.48	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.240212 °	38.240212 °
				-121.544719 °	-121.544719 °
DWR ID	DWR_RD0556_02_s_2018_41				
Comment Code					
V6 : Landscaping					
Inspector Comment					
Remove cactus and thin other landscaping.					

Photo 1 of 1 : SP_2018_RD0556_19_41_20180409_00062.jpg



Cactus should be removed and other landscaping managed to allow access and inspection.

* Location		** Rating		+ Issue Type	
LS : Land Side	N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiency	
WS : Water Side		M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence	
CR : Crown		U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement	

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0556 Upper Andrus

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sacramento River	Left	5.72	04/05/2018 04/05/2018	Keith Millard

LM Start	1.83	Rating **	U	Issue No.	30
LM End	1.99	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.240955 °	38.240024 °
				-121.551233 °	-121.553860 °
DWR ID	DWR_RD0556_02_f_2017_30				
Comment Code					
V6 : Landscaping					
Inspector Comment					
Remove/thin various landscaping including trees, bushes and large cactus.					

Photo 1 of 1 : SP_2018_RD0556_19_30_20180305_00015.jpg



Trim/thin oleanders on landside slope.

LM Start	2.06	Rating **	U	Issue No.	32
LM End	2.06	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.239470 °	38.239470 °
				-121.554845 °	-121.554845 °
DWR ID	DWR_RD0556_02_f_2017_32				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					

Photo 1 of 1 : SP_2018_RD0556_19_32_20180305_00017.jpg



Arundo growth should be removed to allow inspection and access to landside slope and toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0556 Upper Andrus

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sacramento River	Left	5.72	04/05/2018 04/05/2018	Keith Millard

LM Start	2.22	Rating **	U	Issue No.	33
LM End	2.22	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.237883 °	38.237883 °
				-121.556958 °	-121.556958 °
DWR ID	DWR_RD0556_02_f_2017_33				
Comment Code					
V6 : Landscaping					
Inspector Comment					

Photo 1 of 1 : SP_2018_RD0556_19_33_20180305_00018.jpg



Large growth of prickly pear cactus should be removed to allow inspection and access.

LM Start	2.27	Rating **	M	Issue No.	34
LM End	2.27	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			38.237248 °	38.237248 °
				-121.557632 °	-121.557632 °
DWR ID	DWR_RD0556_02_f_2017_34				
Comment Code					
A1 : Exterminate rodents and backfill and compact or grout burrows.					
Inspector Comment					

Photo 1 of 1 : SP_2018_RD0556_19_34_20180305_00019.jpg



Rodent burrows observed near the base of large nut tree on landside slope. Exterminate rodents and backfill burrows.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0556 Upper Andrus

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sacramento River	Left	5.72	04/05/2018 04/05/2018	Keith Millard

LM Start	2.28	Rating **	U	Issue No.	1
LM End	2.28	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.237156 °	38.237156 °
				-121.557640 °	-121.557640 °
DWR ID	DWR_RD0556_02_f_2015_1				
Comment Code					
V6 : Landscaping					
Inspector Comment					
These unauthorized planted redwoods have been reported in the past inspections, the District needs to have the owner remove them from the levee slope.					

Photo 1 of 1 : SP_2018_RD0556_19_1_20180305_00001.jpg



RD 556 Unit 2 Levee mile 2.28 unauthorized planting of redwood trees planted on the slope.

LM Start	2.29	Rating **	U	Issue No.	35
LM End	2.29	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.237060 °	38.237060 °
				-121.557782 °	-121.557782 °
DWR ID	DWR_RD0556_02_f_2017_35				
Comment Code					
V6 : Landscaping					
Inspector Comment					

Photo 1 of 1 : SP_2018_RD0556_19_35_20180305_00020.jpg



Trim/thin oleanders to allow inspection and access to landside slope and toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0556 Upper Andrus

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sacramento River	Left	5.72	04/05/2018 04/05/2018	Keith Millard

LM Start	2.42	Rating **	M	Issue No.	85
LM End	2.42	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.235261 °	38.235261 °
				-121.558059 °	-121.558059 °
DWR ID					

Comment Code

Inspector Comment

FS_ID:12574
DS_ID:20859
EP_NO: 11181
Repair Type: Non-Urgent
Crossing Status: Found
UCIP Comments: - Needs to clean CMP riser for proper functioning of siphon breaker.
FIELD_STRUCT_DESC: 10-inch steel irrigation discharge pipe through the levee, 5.8 feet below the crown. Pump and gate valve in a pump house on the waterside (WS) slope. Siphon breaker and service pole on the landside (LS) slope. (Retention of a 10-inch pipe through the levee, 5.8 feet below the crown, a pump and a gate valve in a pump house on the WS slope, and a siphon breaker and a service pole on the LS slope authorized under Automatic Board Order (ABO) issued as Permit No. 11181, 1975 - Robert E. and G. P. Collins). [Additional Reference(s): DWR Levee Log. USACE Sacramento O&M Manual 103, June 1954, (Station ""J"" 115+25), invert elevation 18.5 feet].
FS Date: 4/25/2013

LM Start	2.42	Rating **	M	Issue No.	85 (cont)
LM End	2.42	Issue Type +	En	Location *	

Photo 1 of 3 : UCIP_SP_2018_12574_20388.jpg



WS- pump house on levee berm

Photo 2 of 3 : UCIP_SP_2018_12574_20387.jpg



WS- pump, and gate valve in pump house.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0556 Upper Andrus

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sacramento River	Left	5.72	04/05/2018 04/05/2018	Keith Millard

LM Start	2.42	Rating **	M	Issue No.	85 (cont)
LM End	2.42	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.235261 °	38.235261 °
				-121.558059 °	-121.558059 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:12574 DS_ID:20859 EP_NO: 11181 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: - Needs to clean CMP riser for proper functioning of siphon breaker. FIELD_STRUCT_DESC: 10-inch steel irrigation discharge pipe through the levee, 5.8 feet below the crown. Pump and gate valve in a pump house on the waterside (WS) slope. Siphon breaker and service pole on the landside (LS) slope. (Retention of a 10-inch pipe through the levee, 5.8 feet below the crown, a pump and a gate valve in a pump house on the WS slope, and a siphon breaker and a service pole on the LS slope authorized under Automatic Board Order (ABO) issued as Permit No. 11181, 1975 - Robert E. and G. P. Collins). [Additional Reference(s): DWR Levee Log. USACE Sacramento O&M Manual 103, June 1954, (Station ""J"" 115+25), invert elevation 18.5 feet]. FS Date: 4/25/2013					

Photo 3 of 3 : UCIP_SP_2018_12574_20386.jpg



WS- power control panel and electric conduit in pump house.

LM Start	2.46	Rating **	M	Issue No.	43
LM End	3.58	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.234592 °	38.218889 °
				-121.557985 °	-121.556388 °
DWR ID	DWR_RD0556_02_s_2018_43				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0556 Upper Andrus

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sacramento River	Left	5.72	04/05/2018 04/05/2018	Keith Millard

LM Start	2.69	Rating **	M	Issue No.	44
LM End	2.69	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.231494 °	38.231494 °	
			-121.556474 °	-121.556474 °	
DWR ID	DWR_RD0556_02_s_2018_44				
Comment Code					
TR : Tree or limb					
Inspector Comment					
Remove fallen tree.					

No Photos

LM Start	2.78	Rating **	M	Issue No.	45
LM End	2.78	Issue Type +	En	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.230350 °	38.230350 °	
			-121.555772 °	-121.555772 °	
DWR ID	DWR_RD0556_02_s_2018_45				
Comment Code					
TR : Tree or limb					
Inspector Comment					
Remove fallen tree.					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0556 Upper Andrus

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sacramento River	Left	5.72	04/05/2018 04/05/2018	Keith Millard

LM Start	2.84	Rating **	M	Issue No.	86
LM End	2.84	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.229524 °	38.229524 °
				-121.555404 °	-121.555404 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:41713 DS_ID:20849 EP_NO: 11181 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: - Needs to clean siphon breaker CMP riser. FIELD_STRUCT_DESC: 6-inch irrigation discharge pipe of an unknown material through the levee, 6 feet below the crown. Pressure tank in a pump house on the waterside (WS) berm. Service pole, siphon breaker, and distribution box on the landside (LS) slope. (Retention of a 6-inch pipe through the levee, 6 feet below the crown; a pump, a gate valve, and a pressure tank on the WS berm; and a service pole on the LS slope authorized under Automatic Board Order (ABO) issued as Permit No. 11181, 1975 - Robert E. and G. P. Collins). [Additional Reference(s): DWR Levee Log]. FS Date: 4/25/2013					

Photo 1 of 3 : UCIP_SP_2018_41713_20284.jpg



WS- pump house on levee berm.

LM Start	2.84	Rating **	M	Issue No.	86 (cont)
LM End	2.84	Issue Type +	En	Location *	

Photo 2 of 3 : UCIP_SP_2018_41713_20283.jpg



LS- siphon breaker in CMP riser on levee slope.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

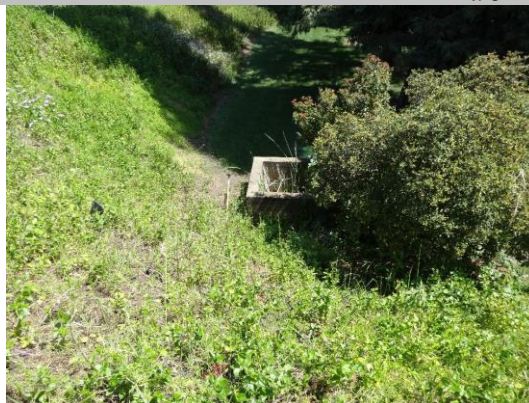
Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0556 Upper Andrus

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sacramento River	Left	5.72	04/05/2018 04/05/2018	Keith Millard

LM Start	2.84	Rating **	M	Issue No.	86 (cont)	
LM End	2.84	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.229524 °	38.229524 °	
				-121.555404 °	-121.555404 °	
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:41713 DS_ID:20849 EP_NO: 11181 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: - Needs to clean siphon breaker CMP riser. FIELD_STRUCT_DESC: 6-inch irrigation discharge pipe of an unknown material through the levee, 6 feet below the crown. Pressure tank in a pump house on the waterside (WS) berm. Service pole, siphon breaker, and distribution box on the landside (LS) slope. (Retention of a 6-inch pipe through the levee, 6 feet below the crown; a pump, a gate valve, and a pressure tank on the WS berm; and a service pole on the LS slope authorized under Automatic Board Order (ABO) issued as Permit No. 11181, 1975 - Robert E. and G. P. Collins). [Additional Reference(s): DWR Levee Log]. FS Date: 4/25/2013						

Photo 3 of 3 : UCIP_SP_2018_41713_20282.jpg



LS- concrete distribution box near toe of the levee

LM Start	2.87	Rating **	M	Issue No.	47
LM End	3.20	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.229109 °	38.224332 °
				-121.555360 °	-121.555382 °
DWR ID	DWR_RD0556_02_s_2018_47				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0556 Upper Andrus

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sacramento River	Left	5.72	04/05/2018 04/05/2018	Keith Millard

LM Start	2.87	Rating **	M	Issue No.	46
LM End	2.87	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.229109°	38.229109°
				-121.555356°	-121.555356°
DWR ID	DWR_RD0556_02_s_2018_46				
Comment Code					
V6 : Landscaping					
Inspector Comment					

No Photos

LM Start	2.93	Rating **	A/W	Issue No.	11
LM End	3.04	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2015 USACE Erosion Survey, DRAFT			38.228202 °	38.226601 °
				-121.555502 °	-121.555605 °
DWR ID	DWR_RD0556_02_f_2016_11				
Comment Code					
Inspector Comment					
1997 - Few scallops in berm, some getting close to levee toe. 2005 - Brush boxes present. 2012 - More erosion of the toe since last year. 2015: No observed changes. [2015 Site ID: SAC_23-3_L]					

Photo 1 of 1 : SP_2018_RD0556_19_11_20180305_00009.jpg



USACE 2013 Photo #1

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0556 Upper Andrus

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sacramento River	Left	5.72	04/05/2018 04/05/2018	Keith Millard

LM Start	3.07	Rating **	M	Issue No.	87	
LM End	3.07	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.226225 °	38.226225 °	
				-121.555236 °	-121.555236 °	
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:12525						
DS_ID:20862						
EP_NO: N/A						
Repair Type: Non-Urgent						
Crossing Status: Found						
UCIP Comments: - 9-inch steel pipe sleeved through 12-inch pipe.- needs to seal gap between two pipes.						
FIELD_STRUCT_DESC: 9-inch steel pipe sleeved through a 12-inch steel irrigation discharge pipe through the levee, 6 feet below the crown. Pump on a pile structure in the river. Steel walkway to the pump and wood steps on the waterside (WS) slope. Concrete spill box with two 8- inch openings. (Retention of a 12-inch pipe through the levee, 6 feet below the crown, a pump on a pile structure in the river, a steel walkway to the pump, and wood steps on the WS slope authorized under Automatic Board Order (ABO) issued as Permit No. 11193, 1975 - Gertrude M. Reid). [Additional Reference(s): DWR Levee Log. USACE Sacramento O&M Manual 103, June 1954, (Station ""J"" 80+79), invert elevation 18.3 feet].						
FS Date: 4/25/2013						

LM Start	3.07	Rating **	M	Issue No.	87 (cont)
LM End	3.07	Issue Type +	En	Location *	

Photo 1 of 3 : UCIP_SP_2018_12525_20290.jpg



WS- walkway, pump, and pipe on steel pile structure in the river.

Photo 2 of 3 : UCIP_SP_2018_12525_20289.jpg



WS- 9-inch pipe sleeved through 10 inch steel pipe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0556 Upper Andrus

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sacramento River	Left	5.72	04/05/2018 04/05/2018	Keith Millard

LM Start	3.07	Rating **	M	Issue No.	87 (cont)	
LM End	3.07	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.226225 °	38.226225 °	
				-121.555236 °	-121.555236 °	
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:12525 DS_ID:20862 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: - 9-inch steel pipe sleeved through 12-inch pipe.- needs to seal gap between two pipes. FIELD_STRUCT_DESC: 9-inch steel pipe sleeved through a 12-inch steel irrigation discharge pipe through the levee, 6 feet below the crown. Pump on a pile structure in the river. Steel walkway to the pump and wood steps on the waterside (WS) slope. Concrete spill box with two 8-inch openings. (Retention of a 12-inch pipe through the levee, 6 feet below the crown, a pump on a pile structure in the river, a steel walkway to the pump, and wood steps on the WS slope authorized under Automatic Board Order (ABO) issued as Permit No. 11193, 1975 - Gertrude M. Reid). [Additional Reference(s): DWR Levee Log. USACE Sacramento O&M Manual 103, June 1954, (Station ""J"" 80+79), invert elevation 18.3 feet]. FS Date: 4/25/2013						

Photo 3 of 3 : UCIP_SP_2018_12525_20288.jpg



LS- a concrete spill box on landside of the levee.

LM Start	3.17	Rating **	M	Issue No.	10
LM End	3.28	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2015 USACE Erosion Survey, DRAFT			38.224850 °	38.223233 °
				-121.555641 °	-121.555687 °
DWR ID	DWR_RD0556_02_f_2016_10				
Comment Code					
Inspector Comment					
2000 - Recently fallen cottonwood at the downstream end. 2005 - Empty brush boxes. 2011 - A few trees have fallen since last year. 2012 - Potential new tree popout since last year. 2013 - New erosion at downstream end of site and a recent tree pop-out observed. 2015: No observed changes. [2015 Site ID: SAC_23-2_L]					

Photo 1 of 1 : SP_2018_RD0556_19_10_20180305_00008.jpg



USACE 2013 Photo #1

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0556 Upper Andrus

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sacramento River	Left	5.72	04/05/2018 04/05/2018	Keith Millard

LM Start	3.20	Rating **	M	Issue No.	48
LM End	3.74	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.224333 °	38.216544 °
				-121.555382 °	-121.556777 °
DWR ID	DWR_RD0556_02_s_2018_48				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

No Photos

LM Start	3.51	Rating **	M	Issue No.	88
LM End	3.51	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.219851 °	38.219851 °
				-121.556129 °	-121.556129 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:12527 DS_ID:20863 EP_NO: 11181 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: - needs to fix siphon breaker FIELD_STRUCT_DESC: 10-inch steel irrigation discharge pipe through the levee, 4.8 feet below the crown. Steel walkway to the pump on a pile structure in the river. Siphon breaker on the waterside (WS). Service pole on the landside (LS) slope. Concrete spill box with two 15-inch openings on the LS. (Retention of a 10-inch pipe through the levee, 4.8 feet below the crown, a steel walkway to the pump on a pile structure in the river, and a siphon breaker and a service pole on the LS slope authorized under Automatic Board Order (ABO) issued as Permit No. 11181, 1975 - Robert E. and G. P. Collins). [Additional Reference(s): DWR Levee Log. USACE Sacramento O&M Manual 103, June 1954, (Station ""J"" 58+00), invert elevation 18.2 feet]. FS Date: 4/25/2013					

Photo 1 of 3 : UCIP_SP_2018_12527_20297.jpg



WS- pump, pipe, and walkway on steel structure in the stream.

* Location	** Rating	+ Issue Type
LS : Land Side WS : Water Side CR : Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0556 Upper Andrus

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sacramento River	Left	5.72	04/05/2018 04/05/2018	Keith Millard

LM Start	3.51	Rating **	M	Issue No.	88 (cont)	
LM End	3.51	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.219851 °	38.219851 °	
				-121.556129 °	-121.556129 °	
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:12527 DS_ID:20863 EP_NO: 11181 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: - needs to fix siphon breaker FIELD_STRUCT_DESC: 10-inch steel irrigation discharge pipe through the levee, 4.8 feet below the crown. Steel walkway to the pump on a pile structure in the river. Siphon breaker on the waterside (WS). Service pole on the landside (LS) slope. Concrete spill box with two 15-inch openings on the LS. (Retention of a 10-inch pipe through the levee, 4.8 feet below the crown, a steel walkway to the pump on a pile structure in the river, and a siphon breaker and a service pole on the LS slope authorized under Automatic Board Order (ABO) issued as Permit No. 11181, 1975 - Robert E. and G. P. Collins). [Additional Reference(s): DWR Levee Log. USACE Sacramento O&M Manual 103, June 1954, (Station ""J"" 58+00), invert elevation 18.2 feet]. FS Date: 4/25/2013						

LM Start	3.51	Rating **	M	Issue No.	88 (cont)
LM End	3.51	Issue Type +	En	Location *	

Photo 2 of 3 : UCIP_SP_2018_12527_20296.jpg



WS- siphon breaker and abandoned CMP riser laying adjacent to it.

Photo 3 of 3 : UCIP_SP_2018_12527_20295.jpg



WS- siphon breaker on levee slope.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0556 Upper Andrus

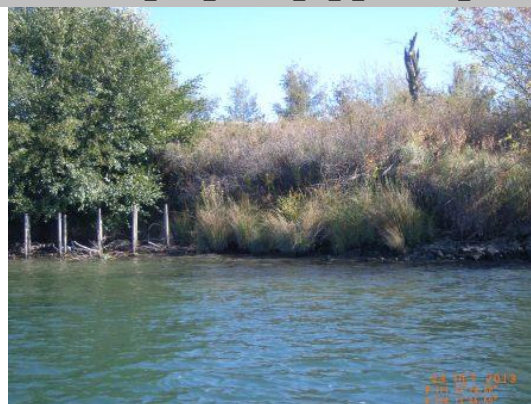
Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sacramento River	Left	5.72	04/05/2018 04/05/2018	Keith Millard

LM Start	3.57	Rating **	A/W	Issue No.	23
LM End	3.95	Issue Type +	Ob	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	2017 Storm Damage		38.218950 °	38.213490 °	
			-121.556300 °	-121.556850 °	
DWR ID	DWR_RD0556_02_s_2018_23				
Comment Code					
Inspector Comment					
Levee Evaluation Comments					
Description:					
Site ID No:68					
Site Designation:DWR_RD0556_02_R_2012_03					
Repair Type: Seepage					
Rating:					
Field Date:					
Notes:					

No Photos

LM Start	3.58	Rating **	M	Issue No.	8
LM End	3.64	Issue Type +	Ma	Location *	WS
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	2015 USACE Erosion Survey, DRAFT		38.218951 °	38.218104 °	
			-121.556689 °	-121.556819 °	
DWR ID	DWR_RD0556_02_f_2016_8				
Comment Code					
Inspector Comment					
1997 - Scallops into berm and very close to levee toe. 2005 - Brush boxes present. 2011 - New toe scour and freshly fallen tree. 2012 - New tree popout has taken significant portion of soil out of the levee. 2015: No observed changes. [2015 Site ID: SAC_22-7_L]					

Photo 1 of 1 : SP_2018_RD0556_19_8_20180305_00007.jpg



USACE 2013 Photo #1

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0556 Upper Andrus

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sacramento River	Left	5.72	04/05/2018 04/05/2018	Keith Millard

LM Start	3.58	Rating **	U	Issue No.	49
LM End	3.74	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.218889 °	38.216543 °
				-121.556388 °	-121.556777 °
DWR ID	DWR_RD0556_02_s_2018_49				
Comment Code					
V6 : Landscaping					
Inspector Comment					
Row of evergreen trees blocks inspection and access. Should be trimmed to 5' above levee.					

Photo 1 of 1 : SP_2018_RD0556_19_49_20180409_00063.jpg



Row of landscaping trees blocks inspection and access.

LM Start	3.74	Rating **	U	Issue No.	50
LM End	4.01	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.216544 °	38.212663 °
				-121.556777 °	-121.556808 °
DWR ID	DWR_RD0556_02_s_2018_50				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

Photo 1 of 1 : SP_2018_RD0556_19_50_20180409_00064.jpg



Waterside vegetation should be reduced to 20' from crown.

LM Start	3.95	Rating **	M	Issue No.	4
LM End	4.12	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2015 USACE Erosion Survey, DRAFT			38.213581 °	38.211112 °
				-121.557197 °	-121.557042 °
DWR ID	DWR_RD0556_02_f_2016_4				
Comment Code					
Inspector Comment					
2002 - Spot rock along berm, but not in the erosion pockets. 2005 - Some new minor stone revetment at the upstream end. Brush boxes present. 2006 - Currently installing new brush in downstream brush boxes. 2007 - Rock in middle portion for about 150 ft. 2010 - Some attempt at repairs but still has pockets of erosion. 2012 - More erosion along the toe. 2015: No observed changes. [2015 Site ID: SAC_22-5_L]					

Photo 1 of 1 : SP_2018_RD0556_19_4_20180305_00004.jpg



USACE 2013 Photo #1

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0556 Upper Andrus

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sacramento River	Left	5.72	04/05/2018 04/05/2018	Keith Millard

LM Start	3.99	Rating **	M	Issue No.	89
LM End	3.99	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.213031 °	38.213031 °
				-121.556800 °	-121.556800 °
DWR ID					

Comment Code

Inspector Comment

FS_ID:12543
DS_ID:20864
EP_NO: 11197
Repair Type: Non-Urgent
Crossing Status: Found
UCIP Comments: Electric control panel in pump house. Needs cleaning of CMP riser on landside.
FIELD_STRUCT_DESC: 6-inch steel irrigation discharge pipe through the levee, 6.5 feet below the crown. Slant pump on a steel pile structure in the river. Walkway to the pump. Gate valve in a pump house on the waterside (WS) slope. Siphon breaker and service poles on the landside (LS) slope. Concrete standpipe on the LS. (Retention of a 6-inch pipe through the levee, 6.5 feet below the crown, a pump and a gate valve in a pump house on the WS slope, and a siphon breaker and a service pole on the LS slope authorized under Automatic Board Order (ABO) issued as Permit No. 11197, 1975 - Richard T. and Mary B. Souza). [Additional Reference(s): DWR Levee Log. USACE Sacramento O&M Manual 103, June 1954, (Station "J" 32+40), invert elevation 18.1 feet].
FS Date: 4/25/2013

LM Start	3.99	Rating **	M	Issue No.	89 (cont)
LM End	3.99	Issue Type +	En	Location *	

Photo 1 of 3 : UCIP_SP_2018_12543_20302.jpg



WS- pipe and pump on steel pile structure. Steel walkway from pump house to the pump on steel structure.

Photo 2 of 3 : UCIP_SP_2018_12543_20301.jpg



LS- siphon breaker in CMP riser and concrete standpipe behind CMP riser.

* Location	** Rating	+ Issue Type
LS : Land Side WS : Water Side CR : Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
N/A : Not Applicable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0556 Upper Andrus

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sacramento River	Left	5.72	04/05/2018 04/05/2018	Keith Millard

LM Start	3.99	Rating **	M	Issue No.	89 (cont)	
LM End	3.99	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.213031 °	38.213031 °	
				-121.556800 °	-121.556800 °	
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:12543 DS_ID:20864 EP_NO: 11197 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Electric control panel in pump house.Needs cleaning of CMP riser on landside. FIELD_STRUCT_DESC: 6-inch steel irrigation discharge pipe through the levee, 6.5 feet below the crown. Slant pump on a steel pile structure in the river. Walkway to the pump. Gate valve in a pump house on the waterside (WS) slope. Siphon breaker and service poles on the landside (LS) slope. Concrete standpipe on the LS. (Retention of a 6-inch pipe through the levee, 6.5 feet below the crown, a pump and a gate valve in a pump house on the WS slope, and a siphon breaker and a service pole on the LS slope authorized under Automatic Board Order (ABO) issued as Permit No. 11197, 1975 - Richard T. and Mary B. Souza). [Additional Reference(s): DWR Levee Log. USACE Sacramento O&M Manual 103, June 1954, (Station ""J"" 32+40), invert elevation 18.1 feet]. FS Date: 4/25/2013						

Photo 3 of 3 : UCIP_SP_2018_12543_20300.jpg



LS- siphon breaker in CMP riser. It needs cleaning.

LM Start	4.01	Rating **	M	Issue No.	51	
LM End	4.15	Issue Type +	Ma	Location *	WS	
Category	Earthen Levee			GPS Latitude/Longitude		
				Start		End
Item	Vegetation			38.212662 °		38.210682 °
				-121.556808 °		-121.556779 °
DWR ID	DWR_RD0556_02_s_2018_51					
Comment Code						
V1 : Control annual grass and weeds on the levee slopes and easements.						
Inspector Comment						

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0556 Upper Andrus

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sacramento River	Left	5.72	04/05/2018 04/05/2018	Keith Millard

LM Start	4.01	Rating **	U	Issue No.	52
LM End	4.38	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.212662 °	38.207293 °
				-121.556808 °	-121.556837 °
DWR ID	DWR_RD0556_02_s_2018_52				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					
Remove berry vines to allow inspection and access.					

Photo 1 of 1 : SP_2018_RD0556_19_52_20180409_00065.jpg



Berry vines on landside should be removed to allow inspection and access.

LM Start	4.15	Rating **	U	Issue No.	53
LM End	4.33	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.210682 °	38.208001 °
				-121.556779 °	-121.556839 °
DWR ID	DWR_RD0556_02_s_2018_53				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					
Remove arundo.					

Photo 1 of 1 : SP_2018_RD0556_19_53_20180409_00066.jpg



Waterside arundo should be removed.

* Location		** Rating		+ Issue Type	
LS : Land Side	N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiency	
WS : Water Side		M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence	
CR : Crown		U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement	

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0556 Upper Andrus

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sacramento River	Left	5.72	04/05/2018 04/05/2018	Keith Millard

LM Start	4.26	Rating **	M	Issue No.	90
LM End	4.26	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.209117 °	38.209117 °
				-121.556803 °	-121.556803 °
DWR ID					

Comment Code

Inspector Comment

FS_ID:12545
DS_ID:20865
EP_NO: 11194
Repair Type: Non-Urgent
Crossing Status: Found
UCIP Comments: - CMP riser found abandoned on LS slope. Due to dense vegetation siphon breaker could not be found.- Dense vegetation on both sides of the levee.- Oil leaks from pump set.
FIELD_STRUCT_DESC: 8-inch steel irrigation discharge pipe through the levee, 6.7 feet below the crown. Pump and gate valve in a pump house on the waterside (WS) slope. Siphon breaker on the landside (LS) slope. (Retention of an 8-inch pipe through the levee, 6.7 feet below the crown, a pump and a gate valve in a pump house on the WS slope, and a siphon breaker on the LS slope authorized under Automatic Board Order (ABO) issued as Permit No. 11194, 1975 - Gerald E. and William M. Robinson, et al.). [Additional Reference(s): DWR Levee Log. USACE Sacramento O&M Manual 103, June 1954, (Station ""J"" 18+20), invert elevation 18 feet].
FS Date: 4/25/2013

LM Start	4.26	Rating **	M	Issue No.	90 (cont)
LM End	4.26	Issue Type +	En	Location *	

Photo 1 of 3 : UCIP_SP_2018_12545_20310.jpg



WS- pump house not visible due to the dense vegetation.

Photo 2 of 3 : UCIP_SP_2018_12545_20309.jpg



WS- pump house inside the dense vegetation.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0556 Upper Andrus

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sacramento River	Left	5.72	04/05/2018 04/05/2018	Keith Millard

LM Start	4.26	Rating **	M	Issue No.	90 (cont)	
LM End	4.26	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.209117 °	38.209117 °	
				-121.556803 °	-121.556803 °	
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:12545 DS_ID:20865 EP_NO: 11194 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: - CMP riser found abandoned on LS slope. Due to dense vegetation siphon breaker could not be found.- Dense vegetation on both sides of the levee.- Oil leaks from pump set. FIELD_STRUCT_DESC: 8-inch steel irrigation discharge pipe through the levee, 6.7 feet below the crown. Pump and gate valve in a pump house on the waterside (WS) slope. Siphon breaker on the landside (LS) slope. (Retention of an 8-inch pipe through the levee, 6.7 feet below the crown, a pump and a gate valve in a pump house on the WS slope, and a siphon breaker on the LS slope authorized under Automatic Board Order (ABO) issued as Permit No. 11194, 1975 - Gerald E. and William M. Robinson, et al.). [Additional Reference(s): DWR Levee Log. USACE Sacramento O&M Manual 103, June 1954, (Station ""J"" 18+20), invert elevation 18 feet]. FS Date: 4/25/2013						

Photo 3 of 3 : UCIP_SP_2018_12545_20308.jpg



WS- pump, gate valve and pipe in pump house.

LM Start	4.38	Rating **	M	Issue No.	55
LM End	4.64	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.207293 °	38.203480 °
				-121.556837 °	-121.556824 °
DWR ID	DWR_RD0556_02_s_2018_55				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0556 Upper Andrus

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sacramento River	Left	5.72	04/05/2018 04/05/2018	Keith Millard

LM Start	4.41	Rating **	M	Issue No.	36
LM End	4.41	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.206915 °	38.206915 °
				-121.556818 °	-121.556818 °
DWR ID	DWR_RD0556_02_f_2017_36				
Comment Code					
V6 : Landscaping					
Inspector Comment					

Photo 1 of 1 : SP_2018_RD0556_19_36_20180305_00021.jpg



Oleanders, trees and other landscaping should be trimmed to allow inspection and access to landside slope and toe.

LM Start	4.43	Rating **	U	Issue No.	54
LM End	4.43	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.206628 °	38.206628 °
				-121.556829 °	-121.556829 °
DWR ID	DWR_RD0556_02_s_2018_54				
Comment Code					
TR : Tree or limb					
Inspector Comment					
Remove large fallen tree blocking access to waterside slope.					

Photo 1 of 1 : SP_2018_RD0556_19_54_20180409_00067.jpg



Fallen tree and other woody debris on waterside should be removed.

LM Start	4.45	Rating **	M	Issue No.	7
LM End	4.49	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2015 USACE Erosion Survey, DRAFT			38.206377 °	38.205729 °
				-121.557184 °	-121.557108 °
DWR ID	DWR_RD0556_02_f_2016_7				
Comment Code					
Inspector Comment					
2013 - Erosion pockets encroaching on levee foundation. 2015: No observed changes. [2015 Site ID: SAC_21-9_L]					

Photo 1 of 1 : SP_2018_RD0556_19_7_20180305_00006.jpg



USACE 2013 Photo #1

* Location		** Rating		+ Issue Type	
LS : Land Side	N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiency	
WS : Water Side		M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence	
CR : Crown		U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement	

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0556 Upper Andrus

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sacramento River	Left	5.72	04/05/2018 04/05/2018	Keith Millard

LM Start	4.54	Rating **	M	Issue No.	91	
LM End	4.54	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.204974 °	38.204974 °	
				-121.556789 °	-121.556789 °	
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:12546 DS_ID:20866 EP_NO: 11940 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: - Abandoned crossing.- Siphon breaker on LS not found due to dense vegetation, - An abandoned CMP riser and service pole found on LS.- It may need to be properly abandoned. FIELD_STRUCT_DESC: *ABANDONED* 6-inch steel irrigation discharge pipe through the levee, 6.7 feet below the crown. Pump and gate valve in a pump house on the waterside (WS) slope. Siphon breaker and service pole on the landside (LS) slope. (Retention of a 6-inch pipe through the levee, 6.5 feet below the crown, a pump and a gate valve in a pump house on the WS slope, and a siphon breaker and a service pole on the LS slope authorized under Automatic Board Order (ABO) issued as Permit No. 11194, 1975 - Gerald E. and William M. Robinson, et al.). [Additional Reference(s): DWR Levee Log. USACE Sacramento O&M Manual 103, June 1954, (Station ""J"" 2+73), invert elevation 18 feet]. FS Date: 4/25/2013						

LM Start	4.54	Rating **	M	Issue No.	91 (cont)
LM End	4.54	Issue Type +	En	Location *	

Photo 1 of 3 : UCIP_SP_2018_12546_20314.jpg



WS- abandoned pump house on levee slope. Dense vegetation on levee slope.

Photo 2 of 3 : UCIP_SP_2018_12546_20313.jpg



WS- pipe daylight from levee slope to pump house.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0556 Upper Andrus

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sacramento River	Left	5.72	04/05/2018 04/05/2018	Keith Millard

LM Start	4.54	Rating **	M	Issue No.	91 (cont)	
LM End	4.54	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.204974 °	38.204974 °	
				-121.556789 °	-121.556789 °	
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:12546 DS_ID:20866 EP_NO: 11940 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: - Abandoned crossing.- Siphon breaker on LS not found due to dense vegetation, - An abandoned CMP riser and service pole found on LS.- It may need to be properly abandoned. FIELD_STRUCT_DESC: *ABANDONED* 6-inch steel irrigation discharge pipe through the levee, 6.7 feet below the crown. Pump and gate valve in a pump house on the waterside (WS) slope. Siphon breaker and service pole on the landside (LS) slope. (Retention of a 6-inch pipe through the levee, 6.5 feet below the crown, a pump and a gate valve in a pump house on the WS slope, and a siphon breaker and a service pole on the LS slope authorized under Automatic Board Order (ABO) issued as Permit No. 11194, 1975 - Gerald E. and William M. Robinson, et al.). [Additional Reference(s): DWR Levee Log. USACE Sacramento O&M Manual 103, June 1954, (Station ""J"" 2+73), invert elevation 18 feet]. FS Date: 4/25/2013						

Photo 3 of 3 : UCIP_SP_2018_12546_20315.jpg



WS- abandoned gate valve, pump, and pipe in pump house

LM Start	4.56	Rating **	M	Issue No.	57	
LM End	4.79	Issue Type +	Ma	Location *	LS	
Category	Earthen Levee			GPS Latitude/Longitude		
				Start		End
Item	Vegetation			38.204667 °		38.201402 °
				-121.556813 °		-121.557108 °
DWR ID	DWR_RD0556_02_s_2018_57					
Comment Code						
V1 : Control annual grass and weeds on the levee slopes and easements.						
Inspector Comment						

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain			

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0556 Upper Andrus

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sacramento River	Left	5.72	04/05/2018 04/05/2018	Keith Millard

LM Start	4.56	Rating **	U	Issue No.	56
LM End	4.56	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.204666 °	38.204666 °
				-121.556813 °	-121.556813 °
DWR ID	DWR_RD0556_02_s_2018_56				
Comment Code					
TR : Tree or limb					
Inspector Comment					
Remove large fallen tree.					

Photo 1 of 1 : SP_2018_RD0556_19_56_20180409_00068.jpg



Fallen tree on landside should be removed.

LM Start	4.63	Rating **	M	Issue No.	38
LM End	4.84	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.203693 °	38.200593 °
				-121.556683 °	-121.557208 °
DWR ID	DWR_RD0556_02_s_2012_38				
Comment Code					
FE : Fence					
Inspector Comment					
Remove this old fence from the levee section landside.					

No Photos

LM Start	4.64	Rating **	M	Issue No.	58
LM End	4.64	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.203480 °	38.203480 °
				-121.556824 °	-121.556824 °
DWR ID	DWR_RD0556_02_s_2018_58				
Comment Code					
V6 : Landscaping					
Inspector Comment					
Remove fig tree.					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0556 Upper Andrus

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sacramento River	Left	5.72	04/05/2018 04/05/2018	Keith Millard

LM Start	4.65	Rating **	M	Issue No.	27
LM End	4.65	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.203425 °	38.203425 °
				-121.556845 °	-121.556845 °
DWR ID	DWR_RD0556_02_s_2017_27				
Comment Code					
TR : Tree or limb					
Inspector Comment					

No Photos

LM Start	4.68	Rating **	U	Issue No.	59
LM End	4.72	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.202896 °	38.202429 °
				-121.556890 °	-121.556962 °
DWR ID	DWR_RD0556_02_s_2018_59				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					
Remove arundo.					

Photo 1 of 1 : SP_2018_RD0556_19_59_20180409_00069.jpg



Remove waterside arundo.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0556 Upper Andrus

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sacramento River	Left	5.72	04/05/2018 04/05/2018	Keith Millard

LM Start	4.73	Rating **	M	Issue No.	92
LM End	4.73	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.202301 °	38.202301 °
				-121.556952 °	-121.556952 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:12547 DS_ID:20867 EP_NO: 11199 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: - pump, gate valve and pumphouse not found on waterward slope.- an abandoned electric control panel found on WS.- may need to be properly abandoned. FIELD_STRUCT_DESC: 6-inch steel irrigation discharge pipe through the levee, 6.5 feet below the crown. Siphon and concrete spill box with two 8-inch openings. (Retention of a 6-inch pipe through the levee, 6.5 feet below the crown, a pump and a gate valve in a pump house on the waterside [WS] slope, and a siphon breaker and a service pole on the landside [LS] slope authorized under Automatic Board Order (ABO) issued as Permit No. 11199, 1975 - Toshi Tokuyoshi, et al.). [Additional Reference(s): DWR Levee Log. USACE Sacramento O&M Manual 103, June 1954, (Station ""H"" 159+97), invert elevation 17.9 feet]. FS Date: 4/25/2013					

LM Start	4.73	Rating **	M	Issue No.	92 (cont)
LM End	4.73	Issue Type +	En	Location *	

Photo 1 of 3 : UCIP_SP_2018_12547_20320.jpg



LS- obstructed siphon breaker in CMP riser on levee slope.

Photo 2 of 3 : UCIP_SP_2018_12547_20319.jpg



LS- concrete distribution box near levee toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0556 Upper Andrus

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sacramento River	Left	5.72	04/05/2018 04/05/2018	Keith Millard

LM Start	4.73	Rating **	M	Issue No.	92 (cont)
LM End	4.73	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.202301 °	38.202301 °
				-121.556952 °	-121.556952 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:12547 DS_ID:20867 EP_NO: 11199 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: - pump, gate valve and pumphouse not found on waterward slope.- an abandoned electric control panel found on WS.- may need to be properly abandoned. FIELD_STRUCT_DESC: 6-inch steel irrigation discharge pipe through the levee, 6.5 feet below the crown. Siphon and concrete spill box with two 8-inch openings. (Retention of a 6-inch pipe through the levee, 6.5 feet below the crown, a pump and a gate valve in a pump house on the waterside [WS] slope, and a siphon breaker and a service pole on the landside [LS] slope authorized under Automatic Board Order (ABO) issued as Permit No. 11199, 1975 - Toshi Tokuyoshi, et al.). [Additional Reference(s): DWR Levee Log. USACE Sacramento O&M Manual 103, June 1954, (Station ""H"" 159+97), invert elevation 17.9 feet]. FS Date: 4/25/2013					

Photo 3 of 3 : UCIP_SP_2018_12547_20318.jpg



LS- power pole and a concrete distribution box near levee toe.

LM Start	4.77	Rating **	A/W	Issue No.	3
LM End	4.88	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2015 USACE Erosion Survey, DRAFT			38.201687 °	38.200225 °
				-121.557305 °	-121.557749 °
DWR ID	DWR_RD0556_02_f_2016_3				
Comment Code					
Inspector Comment					
1999 - Downstream 140 ft repaired with rock. 2010 - Lots of woody debris, but no changes to site. 2015: Site extended upstream due to erosion pockets. [2015 Site ID: SAC_21-5_L]					

Photo 1 of 1 : SP_2018_RD0556_19_3_20180305_00003.jpg



USACE 2013 Photo #1

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0556 Upper Andrus

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sacramento River	Left	5.72	04/05/2018 04/05/2018	Keith Millard

LM Start	4.79	Rating **	M	Issue No.	60
LM End	4.79	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.201402 °	38.201402 °
				-121.557108 °	-121.557108 °
DWR ID	DWR_RD0556_02_s_2018_60				
Comment Code					
V6 : Landscaping					
Inspector Comment					

No Photos

LM Start	4.82	Rating **	U	Issue No.	61
LM End	4.82	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.201002 °	38.201002 °
				-121.557170 °	-121.557170 °
DWR ID	DWR_RD0556_02_s_2018_61				
Comment Code					
V6 : Landscaping					
Inspector Comment					
Remove babmoo.					

Photo 1 of 1 : SP_2018_RD0556_19_61_20180409_00070.jpg



Landside bamboo should be removed to allow inspection and access.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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Levee Inspection Report By Mile - Spring 2018

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sacramento River	Left	5.72	04/05/2018 04/05/2018	Keith Millard

LM Start	4.95	Rating **	M	Issue No.	93 (cont)
LM End	4.95	Issue Type +	En	Location *	

A photograph showing a person from behind, wearing a bright orange safety vest and a light-colored cap. They are standing in a field of tall, green grass and weeds. In the background, there is a calm body of water, possibly a lake or a wide river, with a line of trees on the far shore under a clear sky.

WS- pump, pipe and gate valve in pump house.

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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0556 Upper Andrus

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sacramento River	Left	5.72	04/05/2018 04/05/2018	Keith Millard

LM Start	4.95	Rating **	M	Issue No.	93 (cont)	
LM End	4.95	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.199133 °	38.199133 °	
				-121.557939 °	-121.557939 °	
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:12564 DS_ID:20868 EP_NO: 11191 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: - needs to fix CMP riser. FIELD_STRUCT_DESC: 8-inch irrigation discharge pipe of an unknown material through the levee, 5.7 feet below the crown. Pump on the waterside (WS) slope. Gate valve on the WS berm. Siphon breaker and service pole on the landside (LS) slope. (Retention of an 8-inch pipe through the levee, 5.7 feet below the crown, a pump on the WS slope, a gate valve on the WS berm, and a siphon breaker and a service pole on the LS slope authorized under Automatic Board Order (ABO) issued as Permit No. 11191, 1975 - Pacific Fruit Exchange). [Additional Reference(s): DWR Levee Log]. FS Date: 4/25/2013						

Photo 3 of 3 : UCIP_SP_2018_12564_20351.jpg



WS- closer look at pump, pipe and gate valve in pump house.

LM Start	4.96	Rating **	M	Issue No.	62
LM End	5.71	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.199062 °	38.191740 °
				-121.558005 °	-121.567515 °
DWR ID	DWR_RD0556_02_s_2018_62				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

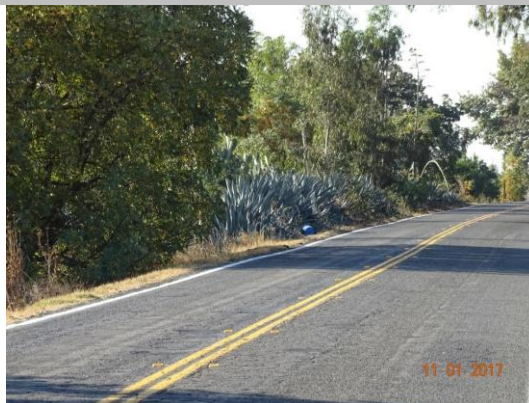
Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0556 Upper Andrus

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sacramento River	Left	5.72	04/05/2018 04/05/2018	Keith Millard

LM Start	5.08	Rating **	U	Issue No.	37
LM End	5.16	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.197407 °	38.196378 °
				-121.558950 °	-121.559601 °
DWR ID	DWR_RD0556_02_f_2017_37				
Comment Code					
V6 : Landscaping					
Inspector Comment					

Photo 1 of 1 : SP_2018_RD0556_19_37_20180305_00022.jpg



Remove large cactus to allow inspection and access to landside slope and toe.

LM Start	5.20	Rating **	M	Issue No.	63	
LM End	5.20	Issue Type +	Ma	Location *	WS	
Category	Earthen Levee			GPS Latitude/Longitude		
				Start		End
Item	Encroachments			38.195938 °		38.195938 °
				-121.559949 °		-121.559949 °
DWR ID	DWR_RD0556_02_s_2018_63					
Comment Code						
TR : Tree or limb						
Inspector Comment						
Remove fallen tree.						

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0556 Upper Andrus

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sacramento River	Left	5.72	04/05/2018 04/05/2018	Keith Millard

LM Start	5.21	Rating **	U	Issue No.	94
LM End	5.21	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.195755 °	38.195755 °
				-121.560078 °	-121.560078 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:12570					
DS_ID:20869					
EP_NO: 11185					
Repair Type: Urgent					
Crossing Status: Found					
UCIP Comments: Large pit and erosion on WS levee berm.					
FIELD_STRUCT_DESC: 8-inch irrigation discharge pipe of an unknown material through the levee, 5.7 feet below the crown. Pump and gate valve in a pump house on the waterside (WS) slope. Siphon breaker, concrete box, and service pole on the landside (LS) slope. (Retention of an 8-inch pipe through the levee, 5.7 feet below the crown, a pump and a gate valve in a pump house on the WS slope, and a siphon breaker and a service pole on the LS slope authorized under Automatic Board Order (ABO) issued as Permit No. 11185, 1975 - R. Walter Langhart).					
[Additional Reference(s): DWR Levee Log].					
FS Date: 4/25/2013					

Photo 1 of 3 : UCIP_SP_2018_12570_20364.jpg



WS- pump house on levee slope

LM Start	5.21	Rating **	U	Issue No.	94 (cont)
LM End	5.21	Issue Type +	En	Location *	

Photo 2 of 3 : UCIP_SP_2018_12570_20363.jpg



WS- pipe daylight from the levee.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0556 Upper Andrus

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sacramento River	Left	5.72	04/05/2018 04/05/2018	Keith Millard

LM Start	5.45	Rating **	M	Issue No.	20
LM End	5.45	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.193391 °	38.193391 °	
			-121.563159 °	-121.563159 °	
DWR ID	DWR_RD0556_02_s_2012_20				
Comment Code					
TR : Tree or limb					
Inspector Comment					
Cut up the fallen tree and remove it from the waterside levee section.					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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